

Lancaster Farming

VOL. 26 No. 5

Lancaster Farming, Saturday, November 29, 1980

\$7.50 Per Year

PFA delegates pass dairy, tax measures

BY CURT HARLER
HERSHEY — Pennsylvania Farmers' Association concluded its 30th annual meeting here Wednesday after voting in favor of a state dairy promotion package with provisions roughly the same as those now being considered by a 20-member board and establishing a school tax policy.

Delegates also voted to assess themselves an additional \$10 per year in dues, bringing the yearly fee to \$50.

Exact wording of those and other resolutions follows below.

PFA President Eugene Thompson set the tone of the meeting in his address to members Monday morning when he said, "It's decision time" on tax policy.

Noting the mood of the nation to cut government spending, he advised fellow farmers to look at agriculture's own business.

"Some areas of agriculture depend on government money for their existence," Thompson said. "We used democracy to get us into this fix — we can use it to get us out."

Thompson called on the delegates to "develop a fair tax policy."

He also said it was up to PFA to come to grips with agricultural land preservation.

"We will say how land will

be preserved when the legislature decides when to do it," he said.

Later the delegates heard Pennsylvania Secretary of Agriculture Penrose Hallowell recount the successes of the most recent legislative session.

Hallowell told PFA delegates their organization had been instrumental in having many of the measures enacted.

Among successes cited was a revision of co-op laws which allows cooperatives to forgo annual audits by a certified public accountant, formation of a land condemnation board, a measure saying farmers do not have to fence cattle out of streams, and the milk security law.

Hallowell spoke of the (Turn to Page A28)

4-H'ers pack bags for Nat'l Congress

BY DEBBIE KOONTZ
LANCASTER — This weekend 42 Pennsylvania 4-H members will arrive in Chicago for one of the most important events on the 4-H calendar — the National Congress at the Conrad Hilton, November 30 to December 4.

These members along with nearly 1800 other 4-H youth across the nation will represent over 5.2 million youth in 4-H and related programs in the 50 states, District of Columbia and Puerto Rico.

The Congress, now in its 59th year, annually recognizes the accomplishments of 4-H members and continues to

motivate members to achieve high standards of excellence, or, to expand their horizons.

Only 4-H members who have been named 1980 state winners in 4-H projects and activities may attend. Of those attending, 1,250 members will receive trips to Congress from national donors and about 450 will be receiving trips through state donors.

Among the 42 attending from Pennsylvania is Lucinda Risser, Lancaster County's state winner. Lucinda will take part in the gardening program and will vie for a national title.

But before national win- (Turn to Page A45)



Highest selling calf at the Berks Dairy Calf Sale went for \$2325. It was donated by Linden-Loch Holsteins, Oley, and sold to Kevin Hertzog, Oley. With the calf are back left, Ernest Miller, chairman calf sale; Doty Remsburg and Denny Remsburg, auctioneers; front, Kevin Hertzog, Jim Shaw, and Wendy Shaw, who donated the animal. (See story page A40)

Six local men to serve on task force

WASHINGTON, D.C. — Congressman Bob Walker announced Wednesday that six agricultural leaders from Pennsylvania's 16th Congressional District will serve on a National Task Force on Farm Export Expansion coordinated by the Agriculture Council of America.

Those agreeing to assist in this project include three farmers; James Hess, R1, Quarryville; Leroy Zimmerman, R1, East Earl; and Mack A. Reece, R1, Nottingham; as well as three representatives from agribusiness industries; Joseph Brown, Vice President and General Counsel to Sperry New Holland; Dale M. Weaver, Vice President of Victor F. Weaver, Inc., New Holland; and Tricia Breckenridge, Communications Specialist at Pennfield Feeds, Inc., Lancaster.

Congressman Walker said these leaders have been selected to participate in the nationwide U.S. Farm Export Education Project.

Its purpose is to develop a unified national plan to build a stronger U.S. economy through increased

farm exports in the 1980's," Walker explained.

Between now and the end of the year, the members of

the National Task Force will review "A Blueprint for U.S. Farm Export Expansion" (Turn to Page A13)

HERSHEY — Centre County dairyman Joseph Hartle, Jr. has been selected as the Grasslander of the Decade. He received his award during ceremonies at the 20th Anniversary Forage Conference, held here on Monday and Tuesday.

Recognizing forage farmers who are doing an outstanding job has become a tradition for the Pennsylvania Forage and Grassland Council. During the 1970's, thirty farmers were named Outstanding Grassland Farmers in the annual Forage and Grassland Awards Program. From these individual producers, the selection of Grasslander of the Decade was made.

Hartle, who was selected as a winner in 1975, has farmed side-by-side with his wife, Gladys, since the late 1950's. They were assisted in later years by their four daughters and son, working

as a family to make their farm a success.

After the purchase of their 115-acre farm in 1957, the



Joseph Hartle, Jr., left, of R4 Bellefonte, Centre County, accepts his trophy for Grasslander of the Decade from John Baylor, Penn State Extension Agronomist.

Hartle named Grasslander of Decade

Hartles went to work with a herd of 12 milk cows, "about all the land would support" according to Joe. In 1969, an adjacent farm of 130 acres was purchased, bringing the total farmland to 245 acres.

Of this acreage, 210 acres are cropland, 4 acres are permanent hayland, 18 acres are permanent pasture, with the remainder included in the farmstead and various other uses. The Hartles rent an additional 90 acres of cropland.

The Hartle's farm land consists mostly of Class I and II soils, and the soil type is a limestone soil called Hagerstown silt loam. To help control erosion on this valuable cropland, the Hartles farm on the contour with cross-slope strips and grass waterways.

About 110 acres of the cropland are in alfalfa and alfalfa-grass mixtures. Twenty acres of hayland are

(Turn to Page A19)

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Livestock market and auction news

Lancaster Market

Monday, November 24
Report supplied by USDA
Cattle Calves Hogs Sheep

Today 754 125 1071 64
Last Monday 854 94 964 154
Last Tuesday 42 107 113 5
Monday's Auction 54 119 1071 7
Last Monday's Auction 757 102 832 163

CATTLE Compared to last Wednesday slaughter steers 100-400 higher; heifers 200-300 higher; cows 300-500 higher; bulls 400-600 higher. Supply included 50% slaughter steers, 23% cows, 15% slaughter heifers, and 12% bulls.

SLAUGHTER STEERS
Choice 2-4 975-1350 lb. 68.00-70.00, few Choice 2 1100-1325 lb. 70.00-70.75, few Choice 3-4 1340-1525 lb. 64.75-68.00, high Good and low Choice 2-3 66.50-68.50, Good 2-3 60.00-66.00, Good and Choice 1150-1400 lb. Holsteins 58.75-61.85, few Standard 1-2 51.00-57.00.

SLAUGHTER HEIFERS
Choice 2-3 850-1075 lb. 64.00-66.00, several yield grade 2 66.50-68.00, Good 2-3 825-1025 lb. 57.00-63.00.

COWS Utility and Commercial 1-3 47.00-51.75, several 53.25-56.00, Cutter 1-2 43.50-48.50, few 48.75-50.50, Canner and low Cutter 39.75-43.00.

BULLOCKS Few Choice 1050-1350 lb. 67.75-70.50, few Good 1000-1250 lb. 56.00-64.25.

BULLS Yield grade 1 1300-1850 lb. 60.00-65.50, few 67.75-71.10; yield grade 2 1000-1350 lb. 53.50-60.00.

VEAL CALVES Choice and Prime vealers 200-500 lower; high Good and low Choice mostly steady.

VEALERS Prime 280-350 lb. 108.00-110.00; Choice 140-260 lb. 88.00-100.00; high Good and low Choice 125-250 lb. 75.00-85.00, 90-115 lb.

60.00-72.00, 60-85 lb. 45.00-60.00.

RETURNED TO FARM
Bulk 90-115 lb. Holstein bulls 95.00-100.00, few 90-125 lb. Holstein heifers 140.00-170.00.

SHEEP Woolled lambs 100-200 lower.

WOOLLED LAMBS
Around 25 head choice 80-105 lb. 60-65 lb. Good and Choice 55-95 lb. 52.00-60.00.

SLAUGHTER HEIFERS
Utility and Good 15.00-28.00, few 10.00-11.00.

Vintage Livestock

Tuesday, Nov. 25
Market Supplied by USDA
Cattle Calves Sheep

Today 631 834 20
Last Tuesday 715 759 58
Last Year 755 722 11

CATTLE Compared to last Tuesday slaughter steers uneven, bulk of the supply mold to small packer and retail outlets 1.50-2.50 higher, few late sales Choice 2-4 only steady to strong; slaughter heifers not fully tested, cows 3.00-4.00 higher; bulls not fully tested. Supply included 43% slaughter steers and 46% cows.

SLAUGHTER STEERS:
Few Prime 3 1075-1275 lb. 72.50-75.85; yield grade 2, including Good to Prime 1050-1325 lb. 72.50, 10 head 1050-1325 lb. 72.50-75.00, 10 head 75.00-75.85; Choice 2-4 1000-1350 lb. 68.00-71.75, few 72.00-72.75, few late sales 67.00-68.50; high Good and low Choice 2-3 65.00-68.75; Good and Choice 1350-1650 lbs. Holsteins 57.50-61.75, few Standard 1-2 52.75-57.50.

SLAUGHTER HEIFERS:
Few Choice 2 875-1050 lb. 64.25-66.00.

COWS: Utility and Commercial 1-3 48.00-52.00, several 52.50-54.75, couple 55.00-56.00, Cutter 1-2 43.75-49.00, few 50.00-53.25;

Canner and low Cutter 39.00-43.50.

BULLS Few yield grade 1 1300-1800 lbs. 58.00-61.50, individual yield grade 2 2040 lb. 54.50, few other yield grade 2 1000-1350 lb. 53.00-56.50.

VEAL CALVES Choice vealers 500-800 lower; high Good and low Choice steady to weak. Supply included 53% in graded sale of which 72% sold to return to farm.

VEALERS Choice 140-250 lb. 75.00-92.00, high Good and low Choice 125-250 lb. 68.00-78.00, 80-115 lb. 66.50-72.00, 60-80 lb. 52.00-66.50.

RETURNED TO FARM
60 head 90-125 lb. Holstein heifers 135.00-155.00, 42 head 80-105 lb. small frame 70.00-82.00, 180 head 90-125 lb. Holstein bulls 89.00-101.00, 80 head small frame 100-125 lb. 75.00-85.00, one lot 90-95 lb. 69.00.

SHEEP. Insufficient volume for a market test.

Lancaster Weekly

Wednesday, November 26
Cattle Calves Hogs Sheep

Today 338 40 745 8

Last Wednesday 489 62 1050 13

Last Year 409 67 1230 13

Wednesday's Auction 301 40 696 4

Last Wednesday's Auction 305 52 1059 13

CATTLE Compared to Monday slaughter steers generally steady; heifers steady; cows steady; bullocks fully steady; bulls steady to weak.

SLAUGHTER STEERS:
Few Prime 3 1125-1275 lb. 69.60-70.85, Choice 2 1100-1325 lb. 70.60-72.10; Choice 2-4 1025-1350 lb. 68.00-70.35; Good to low Choice 2-3 64.00-69.00.

SLAUGHTER HEIFERS:
Choice 2-3 900-1050 lb. 63.25-65.25, few yield grade 2 66.75-69.00; Good 2-3 850-1050 lb. 60.00-62.50.

COWS Utility and Commercial 1-3 47.00-51.00, few 51.75-53.75; Cutter 1-2 44.00-47.75, few 48.25-50.75; Canner and low Cutter 40.00-42.00.

BULLOCKS: Choice 1050-1300 lb. 64.75-67.50, few 68.00-71.60; few Good 1000-1250 lb. 54.00-61.00.

BULLS Yield grade 1 1400-1700 lb. 59.00-62.00, few 65.00-68.10, yield grade 2 1000-1350 lb. 53.75-57.50.

VEAL CALVES Insufficient volume for a market test. Few high Good and low Choice 80-115 lb. 58.00-70.00.

HOGS Barrows and gilts 50-75 higher.

BARROWS AND GILTS
US 1-2 200-245 lb. 49.25-49.75, few 49.85-50.50 US 1 205-255 lb. 50.50-51.50 US 1-3 230-260 lb. 48.50-49.25 US 2-3 260-275 lb. 47.25-48.25.

SHEEP No market test.

New Holland Livestock

No market due to holiday.

Lancaster County

Friday, November 28
Report supplied by USDA
Cattle Calves

This Week 2000 1000

Last Week 3179 1580

Last Year 3426 1513

CATTLE: Slaughter steers uneven, 1.50-2.50 higher on bulk of supply going to small packers and retail outlets, few sales Choice 2-4 steady to 1.00 higher; slaughter heifers 2.00-3.00 higher; cows 1.00-2.00 higher; bullocks firm to 1.00 higher; bulls 1.00-2.00 higher. Supply included 33% slaughter steers, 25% cows, 8% bulls, and 8% slaughter heifers.

SLAUGHTER STEERS:
Few Prime 3 1075-1275 lb. 70.00-74.00; yield grade 2 1050-1325 lb. 72.00-75.00, 10 head 75.00-75.85; Choice 2-4 1000-1350 lb. 68.00-71.75, few 71.75-72.75; some mixed lots choice 3 few 4 67.00-68.50; high Good and low Choice 2-3 65.00-68.75; Good 2-3 60.00-66.50; Good and Choice 1150-1650 lb. Holsteins 57.50-61.85; few Standard 1-2 51.00-57.50.

SLAUGHTER HEIFERS:
Choice 2-3 850-1075 lb. 64.00-66.00, several yield grade 2 66.50-69.00; Good 2-3 825-1050 lb. 57.00-63.00.

COWS: Utility and Commercial 1-3 47.00-52.00, several 52.50-56.00; Cutter 1-2 43.50-48.50, few 49.00-50.75; Canner and low Cutter 39.00-43.00.

BULLOCKS choice 1050-1350 lb. 64.75-68.00, few 68.00-71.60, Good 1000-1250 lb. 54.00-64.00.

BULLS Yield grade 1 1300-1850 lb. 58.00-65.50, few 65.50-71.10, yield grade 2 1000-1350 lb. 53.00-60.00.

VEAL CALVES Vealers mostly steady with last week's decline. Demand good for calves returned to farm.

VEALERS Prime 280-350 lb. 108.00-110.00, Choice 140-260 lb. 85.00-100.00, high Good and low Choice 125-250 lb. 72.00-85.00, 80-115 lb. 60.00-72.00, 60-80 lb. 45.00-60.00.

RETURNED TO FARM:
Bulk 90-125 lb. Holstein heifers 125.00-155.00, few head 155.00-170.00; several small frame 80-105 lb. 70.00-85.00. Bulk 90-125 lb. Holstein bulls 89.00-103.00, several small frame 100-125 lb. 75.00-85.00.

Belleville Auction

Wednesday, November 26
Report supplied by PDA

CATTLE: 142 St. steers: Couple of Good 60.35 and 62.75; few Standard 50.00-54.00. St. cows; Utility & Commercial 45.75-48.75, couple to 50.35. Cutters 43.50-47.00; few Canner & L. Cutter 39.25-43.60; Shells down to 35.00. St. bulls:

B&R CATTLE CO.

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11:00 A.M.

400 HEAD ON SALE LOAD LOTS OF YEARLINGS

All Breeds - All Weights
Prime - Choice - Good Grade
Sold in lots of 10 or more
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LANCASTER STOCKYARDS WEEKLY SALES

SLAUGHTER SALES — MON & WED 10:00 A.M.
VEALERS, LAMBS, HOGS — MON & WED 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE — DEC. 2

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SOLD ON COMMISSION

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WEEKLY: WED. & SAT. - 9 A.M.

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MONDAY'S AUCTION

8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION

12:00 Noon - Dairy Sale
1:30 P.M. - Feeder Pig Sale

THURSDAY'S AUCTION:

11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale

NEW HOLLAND SALES STABLES INC.

New Holland, PA
Abram W. Driffenbach, Manager Phone: 717-354-4341

Hog Markets

Feeder Pig Sale

Farmville, Va.
Thursday, November 20
Report supplied by VDA
 There were 3,124 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.
 US 1-2's: 30-39 lbs. 64.00; 40-49 lbs. 63.23; 50-59 lbs. 54.09; 60-69 lbs. 50.25; 70-84 lbs. 45.00; 85-100 lbs. 40.50.
 US 3's: 30-39 lbs. 58.00; 40-49 lbs. 47.50; 50-59 lbs. 46.50; 60-69 lbs. 45.75; 70-84 lbs. 43.50; 85-100 lbs. 40.50.
 Utility: 30-39 lbs. 30.00; 40-49 lbs. 35.00; 50-59 lbs. 35.00; 60-69 lbs. 38.00; 70-84 lbs. 38.00; 85-100 lbs. 40.50.
 US 4's: 30-39 lbs. 30.00; 40-49 lbs. 35.00; 50-59 lbs. 35.00;

60-69 lbs. 38.00; 70-84 lbs. 38.00; 85-100 lbs. 40.50.

Lancaster Feeder Pigs

Tuesday, November 25
Report supplied by USDA
 Today 1463
 Last Tuesday 1811
 Last Year 1177
 Compared to last Tuesday feeder pigs 10.00-20.00 higher. All pigs weighed on arrival and sold by hundred weight.
 US 1-2: 141 head 29-39 lbs. 99.00-110.00, 300 head 40-49 lbs. 87.00-107.00; 359 head 50-59 lbs. 78.00-93.50; 74 head 60-80 lbs. 60.00-72.00.
 US 2-3: 51 head 25-35 lbs. 94.00-107.00; 202 head 40-49 lbs. 81.00-100.00; 161 head 50-59 lbs. 69.00-85.00; 29 head 60-75 lbs. 54.00-63.00.

New Holland Hogs

Monday, November 24
Report supplied by USDA
 Today 1496
 Last Monday 1739
 Last Year 1316
TREND: Compared to last Monday barrows and gilts mostly 25 lower, instances 1.00-1.50 lower on Selected US 1 as some buyers for Selected US 1 off the market.
BARROWS AND GILTS: US 1-2 200-245 lbs. 48.35-48.75; Few lots 255-260 lbs. 48.25-48.50; US 1 200-240 lbs. 49.25-49.75; US 1-3 220-260 lbs. 48.00-48.25.

Peoria Hogs

Wednesday, November 26
Report supplied by USDA
HOGS: 3200 - Barrows & gilts active, 50 higher. US 1-2 200-240 lbs. 48.00-48.50; US 1-3 200-240 lbs. 47.00-48.00.
SOWS: Steady-1.50 lower, most decline on weights over 500 lbs. (14%). US 1-3 350-450 lbs. 40.50; 450-500 lbs. 40.50-41.00; 500-650 lbs. mostly 41.00-42.00.
BOARS: Over 350 lbs. 36.50-37.50; under 350 lbs. 34.00-42.00.

Special Feeder Pig Sale

Madison Mills, Va.
Tuesday, November 25
Report supplied by VDA
 There were 1,170 head sold. All pigs were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.
 US 1-2's: 30-39 lbs. 60.00; 40-49 lbs. 64.00; 50-59 lbs. 56.00; 60-69 lbs. 51.50; 70-84 lbs. 51.50; 85-100 lbs. 40.00.
 US 3's: 30-39 lbs. 54.00; 40-49 lbs. 55.00; 50-59 lbs. 50.00; 60-69 lbs. 45.00; 70-84 lbs. 47.00; 85-100 lbs. 40.00.
 Utility: 30-39 lbs. 30.00; 40-49 lbs. 30.00; 50-59 lbs. 30.00; 60-69 lbs. 31.00; 70-84 lbs. 31.00; 85-100 lbs. 32.00.
 US 4's: 30-39 lbs. 30.00; 40-49 lbs. 30.00; 50-59 lbs. 30.00; 60-69 lbs. 31.00; 70-84 lbs. 31.00; 85-100 lbs. 32.00.

Indianapolis Hogs

Wednesday, November 26
Report supplied by USDA
HOGS: 900 - Barrows & gilts very active, mostly 1.00 higher; good early clearance. US 1-2 200-245 lbs. 47.75-48.25, 80 head 48.50; Lot US 1-3 Near 240 lbs. 47.50; Lot US 2-3 256 lbs. 45.50.
SOWS: Active, firm. (10%). US 1-3 450-550 lbs. 41.50-52.50.
BOARS: Few under 250 lbs. 40.00; over 300 lbs. 35.00-37.50.

St. Louis Hogs

Wednesday, November 26
Report supplied by USDA
HOGS: 4500 - Barrows & gilts fairly active, 50-75 higher, instances 1.00 higher. US 1-2 200-250 lbs. 47.00-47.50; US 1-3 230-260 lbs. 46.50-47.00.
SOWS: Generally steady, instances 50 lower. About (10%). US 1-3 300-500 lbs. 39.00-39.50; Over 500 lbs. 42.00-43.00.
BOARS: Over 250 lbs. 38.40; 200-250 lbs. 39.00-41.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, November 22
 960 hogs.
 US #1 210-240 lbs. 50.00-52.00; US 1 & 3 200-245 lbs. 48.75-49.50; US 2 & 3 200-250 lbs. 48.25-48.75; Heavyweights 255-270 lbs. 46.75-48.00.
Monday, November 24
HOGS: Barrows and gilts steady to 50 lower.
BARROWS AND GILTS: US 1-2 200-245 lbs. 48.25-49.00; US 1 200-245 lbs. 49.50-51.00; Few Selected 51.50-52.00; US 1-3 220-265 lbs. 48.00-48.50.

St. Louis Cattle

Wednesday, November 26
Report supplied by USDA
 Receipts This Week 2800
 Week Ago 3600
 Year Ago 4200
 Compared last week, slaughter steers and heifers 1.00-2.00 higher. Cows 3.00-4.00 higher. Bulls firm to 1.00 higher. Reduced marketings during the holiday shortened week appeared to be main contributing factor for price upturns. Supply nearly 50

Chicago Grain Futures

(Closing Bids as of Wednesday, Nov. 26)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.	3.86 3/4	5.03		266.50
Jan.			9.22 1/2	273.20
March	4.03	5.37	9.58	283.50
May	4.10 1/4	5.52	9.84	289.50

Trend - Corn is steady, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
 Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Wednesday, Nov. 26)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Dec.	65.30	49.80	
Jan.	68.30		
Feb.	70.87	56.10	
Mar.			13.65
Apr.	74.10	56.25	16.05

Trend - Cattle are lower., Hogs are lower. Potatoes are lower.

Market Provided by Commodity Department
 Dean Witter Reynolds, Inc.

U.S. Inspected Livestock Slaughter

	CATTLE	CALVES	HOGS	SHEEP
Estimated Daily Livestock Slaughter Under Federal Inspection				
Week to Date	382,000	30,000	1,134,000	70,000
Same Period Last Week	361,000	30,000	1,126,000	61,000
Same Period Last Year	342,000	28,000	1,110,000	54,000

Market courtesy of USDA.

per cent slaughter steers, 35 per cent heifers and 15 per cent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1300 lbs. 66.00-66.75, Choice 2-4 950-1300 lbs. 64.50-66.50, mostly 65.00-66.50 after Monday; part load Choice 4-5 1050 lbs. 60.00. Mixed Good and Choice 2-4 900-1200 lbs. 63.00-65.00. Good 2-3 900-1150 lbs. 61.50-63.50. Standard and Good 1100-1350 lbs. holsteins 57.00-59.50.
SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 63.50, couple part loads 63.75 and 64.00. Choice 2-4 850-1050 lbs. 62.00-63.50, lot 3-4 around 1000 lbs. 60.00. Mixed Good and Choice 2-3 700-975 lbs. 61.00-62.50. Good 2-3 700-850 lbs. 59.00-61.00.

COWS: Mid-week sales; Utility and Commercial 2-4 43.00-47.00. Boning utility 1-2 47.00-48.00, few high yielding holsteins 48.50-49.00. Cutter 1-2 42.00-46.00. Canner and Low Cutter 1-2 37.00-42.00.

BULLS: Yield Grade 1-2 1100-1900 lbs. 50.00-55.00, few yield grade 1 1175-2200 lbs. 56.00-57.00.

FEEDER CATTLE: Insufficient volume to establish a price trend.

FEEDER STEERS: Few lots Medium Frame 1 300-700 lbs. 70.00-75.00.

FEEDER HEIFERS: Few lots Medium Frame 1 350-450 lbs. 62.00-65.00.

New Holland Feeder Pigs

Wednesday, November 26
 1040 head. US 1-2 29-39 lbs. 88.00-103.00, 40-49 lbs. 78.00-96.00, 50-59 lbs. 73.00-90.00; US 2-3 26-39 lbs. 85.00-110.00, 40-45 lbs. 69.00-85.00, 50-59 lbs. 69.00-86.00.

LIVESTOCK TRANSPORTATION
 P.O. Box 925
 Lancaster, PA
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- Financing of feeder cattle available.

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 Tel. (717) 397-5136
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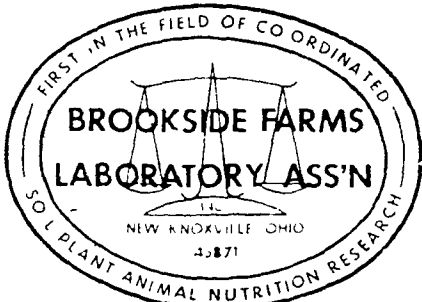
NEXT FEEDER PIG SALE
TUES., DEC. 2 at 1:00 P.M.
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Your Livestock Broker
 Serving You Since 1895.

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- Suppliers of feeder cattle.

NEXT FEEDER PIG SALE
TUESDAY, DEC. 2 - 1 P.M.

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 Phone: (717) 397-6191 - Home 569-2084
 Small stock Division - 397-6191
 Home - 626-5659

Poultry Markets

Weekly New York Egg Market

	From Friday, Nov. 21 to Nov. 26			
	Fri.	Mon.	Tues.	Wed.
WHITE				
Jumbo	89	89	90	90
Ex Large	86	86	87	87
Large	86	86	87	87
Mediums	83	83	84	84
Pullets	69	69	69	69
BROWN				
Jumbo	1 02	1 02	1 02	1 02
Ex Large	99	99	1.02	1 02
Large	97	97	1.02	1.02
Mediums	Unquoted			
Pullets	Unquoted			
Peewees	Unquoted			
Off Grade				
Large	79	79	80	80
Checks	49	49	50	50

Tone: Large barely steady Balance medium easy.
Copyright 1980 by Urner-Barry

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Nov. 25 Tuesday
Class 1 - Large	48 lbs.	73
Class 2 - Large	45 lbs.	68
Class 3 - Medium	42 lbs.	66
Class 4 - Small	39 lbs.	57
Breaking Stock	48 lbs.	57
Checks	48 lbs.	52



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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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\$7.50 per year; \$13.00 - 2 years

\$12.00 per year outside of
PA, NJ, MD, DE, NY, VA & WV

Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at Lititz, PA 17543
USPS 304-040

For address change form or new subscription
see Classified Section.

Members of Newspaper Farm Editors Assn., Pa. Newspaper
Publishers Association, and National Newspaper Association.

N. E. Weekly Shell Egg Report

Tuesday Nov. 25
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons
delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS +	99-1.06	97-1.03	95-1.01	69-75
Mostly	1 01-1 04	99-1.01	97-99	71-73
N HAMP	94-1.01	92-99	80-97	64-71
Mostly	96-99	94-97	92-95	66-69
R I	1.03-1 04	1.01-1.02	99-1.00	73-74
VERMONT	1 01-1.05	1.01-1.03	97-1.00	-
Mostly	1 02-1.05	1 01-1.03	99-1.00	-
MAINE	1 01-1 02	99-1 00	97-99	71-72

+ Includes Central and Western Sections only

Philadelphia Eggs

Wednesday, November 26
Report supplied by USDA
Prices to retailers sales
to volume buyers, consumer
grades white eggs in car-
tons, delivered; store door
A Extra Large 83-89; A
Large 82-87; A Medium 78-
83.

Baltimore Eggs

Wednesday, November 26
Report supplied by USDA
Cartoned eggs. prices to
retailers, state graded (min.
one case sale) white.
Grade A Large 89-81
Grade A Medium 86-88

Delmarva Poultry

Wednesday, November 26
Current broiler/fryer
negotiated prices for im-
mediate delivery includes
mostly multiple-drop
shipments to New York City
from Delmarva.

RANGE: U.S. Grade A 50-
53; Plant 49-52; Premium X
U.S. Grade A 55.00

WTD AVG: U.S. Grade
52.34, Plant Grade 51.01;
Premium X U.S. Grade A
55.00.

(X) - Includes special
services, selected com-
petitive brands, etc.

Peoria Cattle

Wednesday, November 26
Report supplied by USDA
Compared to last week
Slaughter Steers closed the
week .50 to mostly 1.00
higher Heifers 1.50-2.00,
instances 3.00 higher Cows
and Bulls 2.00-3.00 higher
Trade opened the week on an
active note with good buyer
demand Weekly receipts
consisted of fewer con-
signments carrying
predominately YG 3-4 cattle
and price discounts for these
consignments less than
previous weeks Receipts
this week 3000, last week 3648
and 6242 a year ago

SLAUGHTER STEERS
Choice, few Prime 2-4 1050-
1300 lbs 65 00-66 50, load
mainly YG 2-3 1140 lbs 66 75
3 loads 1050-1100 lbs 67 00
YG 3-4 1050-1300 lbs 63 50-
65 50 Mixed Good and choice
2-3 1000-1300 lbs 62 50-65 50
bulkt 62 50-63 50 Wednesday
Good 60 00-63 00

SLAUGHTER HEIFERS
Choice and Prime 2-4 950-
1000 lbs 64 50-65 25 Choice 2-
4 900-1100 lbs 63 50-65 00 YG
3-4 950-1050 lbs 61 00-63 50
Mixed Good and Choice 2-3
850-1000 lbs 61 50-63 50 Good
60.00-62 00

COWS Utility and
Commercial 2-3 41 00-47 00
Cutter 40 00-44 50 Canner
and Low Cutter 37 00-41 00

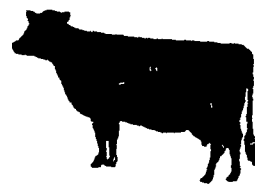
BULLS YG 1-2 1100-2000
lbs 45 00-52 00, bulkt 48 00-
52 00 Few 1550-1800 lbs YG 1
53 00-56 00 during week

Dairy-livestock day slated for March

UNIVERSITY PARK — A
combined Dairy and
Livestock Day will be held at
Penn State on March 2, 1981,
at the J. Orvis Keller Con-
ference Center, University
Park

Invited speakers will deal
with financing, credit and
outlook for dairy and
livestock producers, energy
alternatives, and new
developments in animal
management

several research reports
will be given by Penn State
faculty members.
The program will begin at
9:30 a.m.



TOP OF THE HOG MARKET

DANVILLE LIVESTOCK MARKET
OLD ROUTE 11, DANVILLE, PA 17821
717-275-2880

HORSE SALE HELD 3rd SATURDAY OF THE MONTH

Market your cattle & hogs
the auction way.

Sale every Monday 2 P.M.
Melvin M. Lehman (Owner)



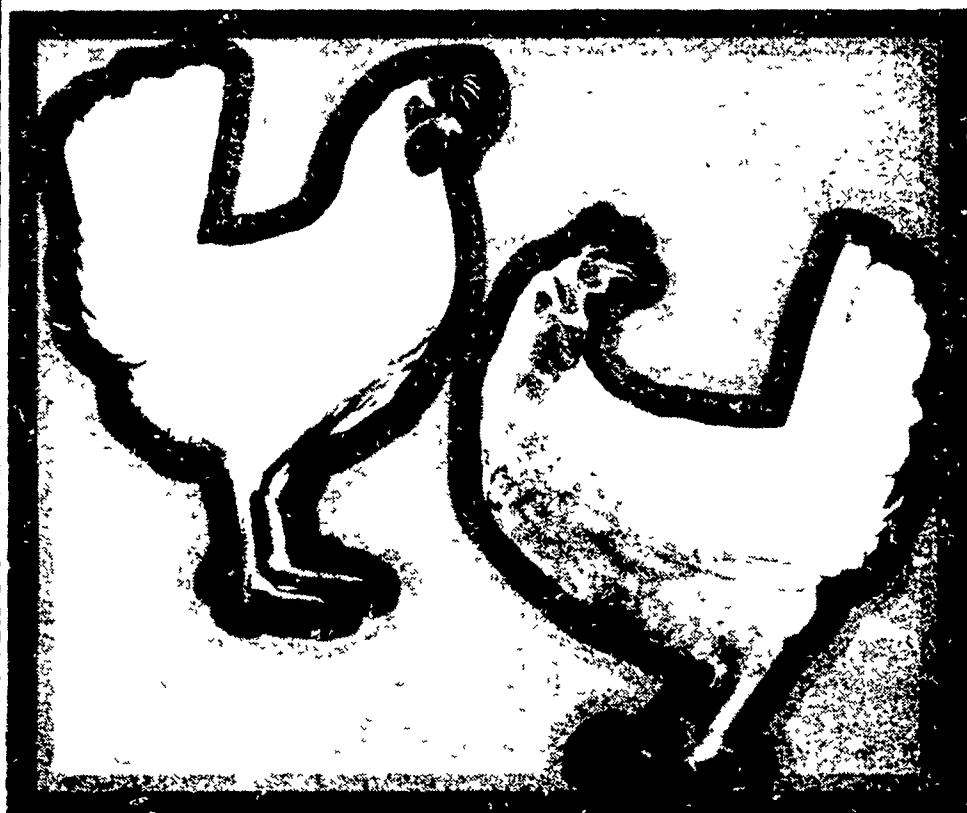
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Two layers with distinctly different characteristics From two
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You don't have to buy from two different companies to get the two top
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The XL shows excellent production under many management
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At Pennfield Feeds, our basic goal is to help our customers make more money. We believe we can accomplish this for you, too.

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It all starts with a Pennfield man reviewing your operation with you. Your goals. Your records. The health and overall condition of your birds. Whether you grow chicks or buy pullets. The type of equipment you use. The production potential of your flock. Your management

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Red Lion, 244-4511.
717 and 215 areas dial
toll free 800-732-0467.

Livestock market and auction news

Hay Markets

New Holland Hay

New Holland Sales Stables
Monday, November 24
Report supplied by auction
66 loads.
Alfalfa 89 00-153.00;
Timothy 75.00-99.00; Mixed
74 00-127 00; Clover, one load
92 00; Straw 55 00-70.00,
Corn 96.00-108.00.

Regional Hay

Monday, November 24
(All hay No. 2 and better,
prices paid by the dealers at
the farm and per ton.)
Hay & Straw steady to
strong.
Alfalfa 80.00-100 00; Mixed
hay 60 00-80.00; Timothy hay
55 00-70 00; Straw 45 00-
60 00; Mulch 25.00-40 00

Green Dragon Hay

Ephrata, Pa.
Friday, November 21
Report supplied by PDA
57 loads hay and 26 loads
straw
Alfalfa, few 108.00-127 00,
one 159 00; Mixed hay 65.00-
150 00, mostly 80.00-106 00,
Timothy hay 75 00-106 00,
Grass Hay, few 68 00-90 00,
Straw 51 00-62 00, Ear Corn,
4 loads 122.00-134.00, Corn
Fodder, 3 loads 40.00-45 00

Good's Hay

Leola, Pa.
Wednesday, November 26
Report supplied by auction
110 loads
Mixed 89 00-107 00, one at
126 00, Timothy 81 00-98 00,
Alfalfa 102 00-125 00, one at
129 00, Straw 53 00-80 00,
Corn 129 00-134 00, one at
145 00, Corn Fodder 45 00-
50 00, two loads Clover 90 00
and 112 50, two loads Oats
2 70 and 2 75 bu



Western Maryland Livestock

Hagerstown, Md.
Wednesday, November 19
Report supplied by auction
BUTCHER COWS.
Smaller run, \$2.00 lower
High Yield to 47.25; Stan-
dard & Utility 43.00-46 00,
Canners 39 00-43.00; Shelly
40 00 Down Bulls Good 1400-
1600 lbs to 55 00; Steers
Good & Choice 62.00-68.00
Heifers Choice 800-950 lbs
60 00-65.00; Good 57.00-60.00

BUTCHER HOGS. Mostly
heavy weights offered. US #1
& 3 215-240 lbs. 46.00-46.75,
275-400 lbs. 42.00-46 00, few to
51 00 Sows Bulk 350-600 lbs
38.00-42 00, one to 45 50
Boars 325-420 lbs. 33 85-34.75.
VEAL CALVES Small
calves \$2 00 lower Good &
Choice 85 00-100 00; Stan-
dard 75 00-85.00, Killers 80-
100 lbs. 65 00-72 00, Weak &
Rough 65.00 Down

CALVES RETURNED TO
FARM Good demand
Holstein Heifers bulk 90-110
lbs. 120 00-167 00; Holstein
Bulls bulk 95-115 lbs 95 00-
107.00, few 80 00-95 00.

LAMBS. Medium to Good
47 00-51 50.

STOCK CATTLE \$2 00
lower Steers Light weights
to 80 00; 350-600 lbs 62 00-
72 00, 700-900 lbs 58 00-68 00
Heifers Holsteins 250-450 lbs.
70 00-80 00; 700 lbs to 63 00,
Beef type 50.00-60 00, few to
65 00 Bulls 300-450 lbs 65 00-
78 00

PIGS AND SHOATS \$3
under last week By the
Head 15-30 lbs 7 00-18 00, 30-
60 lbs 15 00-27 00 By the Lb
St Boars 190-245 lbs 29 00-
33 75

New Holland Dairy

New Holland, Pa.
Wednesday, November 26
Report supplied by auction
Reported receipts of 64
cows, 84 heifers Market
steady

Load of Pa fresh cows,
1120 00-1470 00, Load of Pa
springers 1010 00-1200.00;
Load of Pa fresh cows,
1250 00-1600.00; Load of Pa
fresh cows, 1400 00-1475 00,
springers 1030.00-1650 00,
Load of NY purebred &
grade fresh cows, 1325 00-
1800 00, springers 1250 00-
2050 00

Locally consigned cows
500 00-1425 00; Springing
heifers 850 00-1360 00, Open
Heifers 290 00-775 00

Central U.S. Carlot

Tuesday, November 25
Report supplied by USDA
Compared to Monday's
4:30 report. Very thinly
tested steer & heifer beef
2.00 lower. Demand and
trading very light for
moderate supplies The
boxed beef carcass cutout
value advanced to \$11 to
\$108 16 per cwt Sales
reported on 58 loads of steer
and heifer beef.

STEER BEEF

55 Loads
FOB Omaha Basis
Choice 3 600-900 lbs 99 00,
2.00 lower.
Good 2-3 600-900 lbs 96 00,
2 00 lower than Friday
FOB Amarillo Basis
Choice 2-3 600-700 lbs YG
3 99.00-101 00, YG 2 100 50-
102 00

HEIFER BEEF

3 Loads
FOB Omaha Basis
Choice 3 500-700 lbs 97 00,
2.00 lower
Good 2-3 500-700 lbs. 94 00,
2 00 lower than Friday
Cow beef strong, offering
and supply light

COW BEEF

2 Loads
FOB Omaha Basis
Utility 450 & up lbs 78 50-
79 50 (West) (BNG) 2-3

PRIMAL BEEF CUTS

2 Loads
FOB Omaha Basis
HINDS (S) 120-170 lbs
103 00

BONELESS PROCESSING BEEF/BEEF TRIMMINGS

7 Loads
FOB Omaha Basis
50% chem lean fresh 69 00-
70 00
50% chem lean frozen
71.50
90% chem lean bull, frzh
134 00

Compared to Monday's
2.15 report Fresh pork loins
14-17 lbs steady-weak for
immediate shipment, 1 00-
2.00 higher for Friday &
Monday shipment; 17-20 lbs
mostly steady Boston butts
4-8 lbs steady. Fresh hams
14-17 lbs. 25-1 00 higher, 17 &
up lbs steady-1.00 lower,

instances 1.50 lower, firm-
ness noted in late trading.
Sdls Bellies 12-16 lbs .25-1.75
higher Trading active;
demand moderate to good
Sales reported on 125 loads
and 18 loads of trimmings
and variety meats.

FRESH PORK CUTS

LOINS 14/dn lbs 91.00-
94.25, 14-17 lbs. 90 00-91.50,
steady-weak, 14-17 lbs 92.00-
93 25, one load 94.00, Fri &
Mon. ship, 1 00-2 00 higher;
17-20 lbs. 84.50-85.00, one load
85 50, mostly steady; 17-20
lbs. 87.50 Fri. & Mon ship
BOSTON BUTTS 4-8 lbs
78 00, steady.

SKINNED HAMS 14-17
lbs. 82.25-83 00, 25-1 00
higher; 17-20 lbs. 76.00-79 00,
mostly 76.00-77.00, steady-
1 00 lower; 20-26 lbs 72 00-
74 00, mstly 74 00, steady,
instances 1 50 lower, 26 & up
lbs 67.25 late Monday, 26 &
up lbs 66 25, 1.00 lower.

BELLIES, SDLS. 12-14
lbs 62 00-62.50, 25- 50
higher, 14-16 lbs 62.00, 1.00-
1 75 higher; 16-18 lbs. 59 50-
60 00; 18-20 lbs. 55.50-56 50.

VARIETY MEATS

LIVERS: Lrg box 21 25.
KIDNEYS, DOMESTIC
Lrg box 14.25-14.50

PORK TRIMMINGS BONELESS PROCESSING PORK

(Chemical Lean)
72% lean trimmings fresh
88 00
72% trimmings frzn 87 00-
89 00
72% bnl picnic frozen
91 00.

Oklahoma Cattle

Wednesday, November 26
Report supplied by USDA
Estimated receipts 888;
same day last week 7,488.
Trading little more than a
clean-up affair and not
enough of any class or
weight to make an adequate
test of the trade Few
represented sales fresh
offerings near steady Small
supply consisted mainly of
Medium Frame No 1 and
Mixed No 1-2 300-600 lb
Feeder Steers and Heifers.
Cows and Bulls near 25
percent of the total supply

FEE FEE R STEERS
Medium Frame No 1 385-500
lb 77 00-81 95 few 600-640 lb
fleshv offerings 70 70-70 90
package 805 lb at 70 50
Medium Frame No 1-2 350-
500 lb 74 00-75 25 545-800 lb
69 50-72 00 Small Frame No
1 300-500 lb 70 50-75 50
Large Frame No 2 486 lb
69 40 811 lb 61 40 Holsteins
425-485 lb 56 50-59 30

FEE FEE R HEIFERS
Medium Frame No 1 350-417
lb 68 00-70 25 500-625 lb
62 25-64 00 Medium Frame
No 1 2 300-500 lb 62 75-65 25
500-600 lb 62 25-64 50
Medium Frame No 2 445-510
lb 59 00-61 00 Small frame
No 1 300-431 lb 60 25-66 00
few 500-555 lb 59 80-62 80

SI AUGHTER COWS
Utility and Commercial 2-3
43 00-47 50 Cutter 1-3 40 50
41 75 Canner and low Cutter
30 25-38 00

SI AUGHTER BULLS

Score
OTHERS Few small and
medium frame No 1 2
replacement cows 41 00
45 25

FOR THE WEEK
Compared to late last week
feeder calves under 500 lb
50 to 1 00 higher some sales
2 00 higher on Heifer Calves

offerings over 500 lb steady
to firm Slaughter Cows
mostly 1 50-2 00 higher late
sales Utility and Com-
mercial 2-3 43 00-47 50
Cutter 1-3 40 50-41 75
Slaughter Bulls mostly 1 00
higher but poorly tested late
earlier sales yield grade 1 2
1050-1600 lb 53 50-57 00 three
head outstanding at 62 25
Salable receipts for the week
totaled near 5 200 head with
supplies curtailed due
mainly to holiday last
week's total receipts were
15 306 head Majority
receipts consisted on feeder
cattle and calves Cows and
Bulls numbered near 1 500
head

Leesport Auction

No market due to holiday

Chambersburg Auction

No market due to holiday

Indiana Auction

No market due to holiday

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna.

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY

Sale to Start at 1:30 P.M.

We Will Receive Your Pigs Anytime
From 7 A.M. Wed. Morning

State Graded Until 12 Noon.

All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to
tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341
our office in advance.

Calf Sale To Be Held
Every Thursday At 3:30 P.M.

NORMAN KOLB ABE DIFFENBACH
717-397-5538 717-393-4464

SATURDAY, DECEMBER 27 ON THE FARM MONTHLY

BRED GILT SALE

Sale to start promptly at 1:00
Every 4 weeks

Located 18 miles south of Lancaster, PA, 6 miles
south of Quarryville, take Rt. 272 to Little Britian, turn
north, follow Little Britian Rd. to Jackson Rd. 2nd
farm, OR Take Rt. 222 out of Quarryville to Cedar Hill
Rd. to Little Britian Rd. to Jackson Rd. Watch for sale
arrows.

50 to 60 Head
more or less

2 & 3 Way Crossbred Gills
York & Hampshire & Duroc

Due to farrow 3 days to 4 weeks after sale date. Now
everything vaccinated for both Lepto & Erysipelas,
wormed and sprayed for lice.

Local trucker available.
No hogs sold on commission.

CHRIST A. BEILER
RD 2, Quarryville, PA
JOHN B. STOLTZFUS

Abe Diffenbach
Auctioneer

NEXT SALE DATE - FRIDAY, JAN. 23

FEEDER PIGS

**BOUGHT OVER YOUR PHONE
FROM VIRGINIA TEL-O-AUCTION
SALES**

**DOCKED TAIL FARM FRESH
USDA GRADES INSPECTED
UNIFORM WEIGHT GROUPS
TRUCKING ARRANGED**

CONTACT
MIKE CARPENTER
VIRGINIA FEEDER PIG ASSN.
DAY NIGHT
804-786-3951 804-271-8610



PORK CHOP FARM

RD#2 Box 122
New Holland, Pa. 17557
717-354-9557

- Brucellosis Free Herd 127
- Entire herd tested
- Pseudorabies Free Herd 20
- Lepto Free and T.B. Negative.

We have the finest pedigreed herd of Chester White
Brood Sows in the Eastern United States
We have 200 Brood Sows in total confinement in-
cluding Gestation Crates and Slatted Floors
We farrow weekly and can supply Sound-Meaty-
Healthy Breeding stock at all times

"Chester Whites" - "The Durable Mother Breed"

Production Sale for 1981
June 12 November 13

Livestock market and auction news

Four States Livestock

Hagerstown, Md.

Wednesday, November 19
Report supplied by auction
SLAUGHTER: Fed Steers Steady to \$1.00 lower. Choice 63.00-65.00; Good 59.00-62.00; Medium 58.00 Down. Heifers No Choice. Dry feds offered. Good 48.00-50.00; Medium 47.00 Down. Cows \$1.00-\$2.00 lower. High Yield 46.00-47.00; Average 42.00-45.00; Big Middle 37.00-41.00; Fatty Herf 32.00-37.00, Shelly 38.00 Down. Fat Bulls \$1.00 lower. Good 53.00-55.00, Medium 47.00-52.00. Veal Calves \$2.00 lower. Choice 95.00-96.50, Good 88.00-94.00; Medium 79.00-87.00; Stocky 50.00-65.00; Farm Hirs. to 167.50, Farm Bulls to 106.00; Light & Weak 66.00 Down
STOCKER. Steers 300-550 lbs \$2.00 lower. Few lights wts. to 79.00; Choice 66.00-69.00, Good 60.00-65.00; Medium 55.00-59.00; Culls 54.00 Down. Steers 600-850 lbs. Choice 61.00-65.00; Good 55.00-60.00; Medium 54.00 Down Heifers (All Weights)

Choice 56.00-62.00; Good 48.00-55.00; Medium 41.00-47.00; Culls 40.00 Down. Bulls Choice 60.00-65.00; Good 54.00-59.00; Medium 53.00 Down. Springing Heifers to 1080.00. Pigs, Hd. Large run, steady prices. 20-30 lbs. 7.00-17.00; 40-60 lbs. 18.00-30.00. Shoats by Lb. to 38.00 Slaughter Hogs Steady to 50 cents lower. 210-230 lbs. 46.50-47.50; 240-260 lbs. 46.00-47.50; 190-205 lbs. 41.00-44.00, 270-290 lbs. 43.50-48.00. Sows 320-500 lbs. 42.00-45.50; Thin Sows 33.50-38.00.

Martinsburg Auction

Martinsburg, Pa.

Monday, November 24
Report supplied by auction
CATTLE 241 Choice slaughter steers 62.00-64.50, Good 61.00-63.00, Standard 58.00-60.00, Utility 52.00-56.00 Good slaughter heifers 61.00-63.50, Standard 54.00-57.00, Utility 45.00-51.00. Utility & Commercial slaughter cows 47.00-52.50, Cutters 44.00-46.50, Canner & Low Cutter 39.00-42.00, Shells down to 35.00. Good slaughter bullocks 59.00-62.50, Standard 54.00-57.00, Utility 50.00-54.50. Yield Grade #1 slaughter bulls 58.00-61.00; yield grade #2 53.00-55.00
CALVES 374. Choice vealers 92.00-100.00, Good 82.00-91.00, Standard & Good 90-110 lbs. 70.00-74.00, 70-90 lbs. 62.00-67.00, Utility 55-100 lbs. 58.00-63.00. Farm calves, holstein bulls 90-120 lbs. 95.00-110.00, holstein heifers 85-130 lbs. 125.00-185.00.
HOGS 376. US No. 1-2 200-240 lbs barrows & gilts 48.00-49.00, No. 1-3 200-250 lbs. 47.00-48.00, No. 2-3 260-270

lbs. 45.00-47.00, No. 1-3 130-185 lbs. 42.00-45.00. US No. 1-3 300-500 lbs. sows 41.00-44.00, No. 2-3 300-650 lbs. 38.00-41.00. Boars 34.00-37.00.

FEEDER PIGS 97. US No. 1-3 20-35 lbs. feeder pigs 10.00-14.50 per head, No. 1-3 35-50 lbs. 14.50-22.50 per head.

SHEEP 6. Few Choice woolled slaughter lambs 55.00-60.00. Few Slaughter sheep at 10.00.

East Coast Carlot

Tuesday, November 25

Report supplied by USDA
Compared to Monday's close: Prime special fed veal 5.00 lower than Friday's last adequate test. Good and Choice boning veal steady. Lamb not well tested, however, steady to firm undertone indicated
VEAL CARCASS
HIDE ON
200 Head
Prime (Special Fed) 180-240 lbs. 145.00-148.00, 5.00 lower.

BONING TYPE
GOOD AND CHOICE
HIDE ON

Northeastern Suppliers: 65-75 lbs 98.00, all steady; 55-64 lbs. 96.00; 45-54 lbs. 94.00, 35-44 lbs. 92.00; 34 lbs. down 90.00.

Inshipped: 71-80 lbs. 101.00, all limited, all generally steady with last week; 61-70 lbs 99.00; 51-60 lbs, 97.00; 41-50 lbs. 95.00; 30-40 lbs. 93.00.

LAMB CARCASS
Choice & Prime 3-4
1½ Loads
55 lbs. down, 125.00; 55-65 lbs few 115.00; 65-75 lbs. few 110.00.

BONELESS BEEF
5 Loads
US & Canadian origin
75 pct chem lean fresh 107.00.

BEEF TRIMMINGS
2 Loads
50 pct chem lean frozen 72.00 late yesterday, immediate ship

CURED AND PROCESSED MEATS
19 Loads

Skinned Hams 16-20 lbs 89.00-94.00
Semi-Boneless Hams 17-20 lbs 112.00

Boneless Hams 13-17 lbs 145.00 firm

Picnics 5-7 lbs 78.00

No 1 Sliced Bacon,

Vacuum Pack, 1 lb. pkg. 119.00 steady.
Franks, 70 Beef, 30 Pork, 1 lb. Pkg. 99.00 steady.

Dewart Auction

Monday, November 24

Report supplied by PDA
CATTLE 143. Compared with last week's market: Few Good slaughter steers 58.50-63.50, few Standard 52.00-57.50. Few Good and slaughter heifers 59.25-65.50. Utility and Commercial slaughter cows 46.10-50.10, couple to 51.35, Cutters 43.00-46.75, Canner and Low Cutters 40.00-43.00. Few Yield Grade No. 1, 1090-1725 lbs slaughter bulls 54.00-61.50. One Lot Large #2, 225 lbs. feeder steers at 60.00.

CALVES 235 Bulk of supply returned to farm. Few Choice vealers 83.00-96.00, few Good 75.00-85.00, Standard and Good 60.00-70.00, couple to 75.00. Farm Calves: Hol. Bulls 80-130 lbs. 75.00-108, mostly 90.00-102.; Hol. Heifers 80-130 lbs. 102.00-145.00.

HOGS 437. US No. 1-2 2-235 lbs. barrows and gilts 48.85-49.60, No. 1-3 2-260 lbs. 47.85-49.00, few lots No. 1-3 170-185 lbs. 36.25-40.75 US No. 1-3 3-600 lbs. sows 40.50-44.25, couple 47.50, No. 2-3 350-600 lbs. 36.00-40.50. Boars 28.00-36.00.

FEEDER PIGS 305. US No. 1-3 20-35 lbs. feeder pigs 12.00-26.00 per head, No. 1-3 35-55 lbs. 25.00-41.00, Utility 20-35 lbs 6.00-10.00 per head
SHEEP 29 Choice 70-110 lbs. woolled slaughter lambs 53.00-61.00.

Shenandoah Valley Livestock

Harrisonburg, Va.

Saturday, November 22
Report supplied by auction
STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves, 78.00-82.00; Medium 73.00-78.00; Plain 68.00 and down, Good Heavy Steers 65.00-70.00; Medium 60.00-65.00, Plain 55.00 and down, Holstein Steers 55.00 and down, Good Light Heifer Calves 48.00-63.00, Medium 43.00-48.00, Plain 38.00 and down; Good Heavy Heifers 51.50-65.50, Medium 46.00-56.50, Plain 40.00 and down; Slaughter Cows 47.00-52.50; Utilities 42.00-47.00; Cannors

& Cutters 37.00 and down; Milk & Stock Cows 685.00 and down; Stock Bulls 56.75 and down; Slaughter Bulls 59.25 and down.

CALVES. Veal Calves 75.00 and down; Baby Calves 80.00 and down.

SHEEP & LAMBS: Choice Blue O 57.50; Good Red O 52.25; Feeder Lambs 56.00-56.50; Slaughter Ewes 22.50 and down.

HOGS: Top 45.80; Light 31.00; Sows 46.00 and down; Boars 35.10; Butcher Hogs 45.00 and down.

Carlisle Auction

Carlisle, Pa.

Tuesday, November 18
Report supplied by auction
CATTLE: STEERS: Choice 70.00-71.25; Good 66.50-67.75; Standard 58.00-63.50. HEIFERS. Good 66.75; Utility 56.00-58.00. COWS Utility & Commercial 44.75-47.50; Cutter 41.00-45.25. Shells down to 35.00. BULLOCKS: Standard 51.50-59.50.

FEEDER STEERS: 54.00-76.90.

CATTLE HEIFERS. 52.50-61.50.

CALVES: VEALERS: Choice 80.00-100.00; Good 80.00-95.00; Standard & Good 70.00-85.00; Standard & Good 67.50-77.50.

FARM CALVES Hol. Bulls 102.00-113.00; Hol. Heifers 130.00-175.00.

HOGS: US No. 1-2 47.60-48.85; US No. 1-3 45.00-47.50; US No. 2-3 44.00-46.00. SOWS: US No. 1-3 44.50-47.00; No. 2-3 38.00-45.00; Boars 34.75-36.00.

FEEDER PIGS: US No. 1-3 20-35 lbs. 13.00-19.00 per head; No. 1-3 30-60 lbs. 24.00-37.50.

SHEEP: LAMBS: Good 53.00-55.00; Utility 46.00-52.50.

Hunter's Auction

Monday, November 24
Rising Sun, Md.

Report supplied by auction
FEEDER HEIFERS
Good to Choice 47.00-51.00; Other 38.00-42.00

FEEDER STEERS
Standard to Good 48.00-54.00.

COWS High Choice to Prime 47.75-50.00; Good to Choice 46.00-47.25; Utility 45.25-46.25; Cutters 43.25-44.50; Cannors 38.75-44.00.

CALVES. Prime 200-300 lbs 87.00-96.00; High to Choice 140-180 lbs 69.00-81.00, Good to Choice 120-140 lbs 74.00-91.00, Standard to Good 90-110 lbs. 58.00-87.00; Utility 75-85 lbs 52.00-68.00; Low Utility 65-75 lbs 42.00-54.00

FEEDER PIGS 20-25 lbs \$12 to \$16 by hd, 35-45 lbs \$23 to \$27 by hd

SOWS 38.50-40.50
BOARS 34.00-39.50

Lancaster Feeder Cattle

Friday, November 21

Report supplied by USDA
Today 517
Last Friday 797
Last Year 902

TREND: Compared to last Friday feeder steers 1.00-1.50 higher. Supply included 220 in graded sale, sold in lots of 10 or more, balance sold mainly in lots of four or less.

FEEDER STEERS: MEDIUM FRAME 1: 580-715 lbs. 69.75-71.00; one lot 698 lbs. 66.25 and one lot 827 lbs. 67.00

MEDIUM FRAME 1-2: Several lots 600-740 lbs. 66.25-70.00; couple lots 875-890 lbs. 60.00-63.75.

SMALL AND MEDIUM FRAME 1: Couple lots 490-505 lbs. 69.75-71.00.

LARGE FRAME 2 HOLSTEINS: 650-700 lbs. 50.75-53.25; one lot 700 lbs. 59.50 and one lot 1035 lbs. 50.50.

FEEDER BULLS MEDIUM FRAME 1: One lot 465 lbs. 67.50.

Valley Livestock

Valley Stockyards
Athens, Pa.

Monday, November 24

Report supplied by auction
Reported receipts of 147 cows, 27 bulls, 521 calves, 23 heifers, 21 steers, 104 hogs, 11 lambs, 29 sheep. Cattle market reported higher, calf market reported steady.

Holstein Heifer Calves to 185.00; Veal Calves to 96.00; Bobs, 90-110 lbs. 68.00-100.00; Bobs, 80 and down lbs. 55.00-62.00; Grassers & Feeders 40.00-69.50; Lambs 50.00-56.00; Sheep 8.00-30.00; Hogs, 200-250 lbs. 42.50-46.50, Sows 36.00-42.00; Boars 30.00-34.00; Pigs 8.00-24.00; Heifers 46.00-49.00; Steers medium 47.00-50.00; Steers, feeder 52.50-70.00; Bulls 47.00-55.50; Cows, utility 47.00-49.50; Cows, fat 44.00-47.00, Cows, medium 41.50-43.50; Cows, poor or small 36.00-40.00; Horses to 530.00, Ponies 50.00-180.00, Goats, one goat 25.50.

New Holland Horse

Monday, November 24

New Holland Sales Stables
Report supplied by auction
Reported receipts of 251 head of horses, mules, and ponies. Market steady.

Better horses 525.00-1000.00; Driving horses 375.00-1425.00; Riding horses 350.00-475.00; Lightweight killers 375.00-475.00; Heavyweight killers 525.00-720.00, Mares 45.00-110.00; Colts 25.00-35.00, Geldings 45.00-110.00, Larger ponies 150.00-250.00

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TRANSPORTATION ON STOCK OR FEEDER CATTLE FROM THE SOUTH

We Have 2 Possum Bellied
Trailer Rigs Available.

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Paradise, Pa.

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COWS COWS COWS BUYERS FROM 3 STATES

Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors

Lots of good Northern Feeders and Stockers

SALE EVERY FRIDAY

Bulls, Steers Slaughter Cows
Lambs and Veal Calves

11:00 A.M. Beef Sale Stockers & Feeders
200 to 250 each week

12:30 P.M. - Dairy Cows

7:00 P.M. - Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call. Office 717-733-2444.

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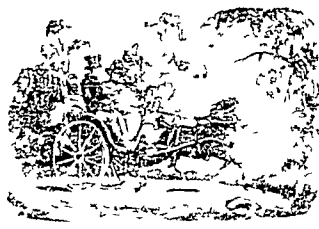
Phone 717-898-8354 or 569-6576



DEC. 1-7, 1980

Exhilarating — great for skating!

This is the month when families come close. Rube Goldberg died Dec. 7, 1970. New moon Dec. 7. Average length of days for the week 9 hours, 13 minutes. Pipe wrench patented Dec. 5, 1876. Gold first deposited in U.S. mint Dec. 7, 1845. Suspicion is no great fault until someone stabs it.



Ask the Old Farmer. On TV, I often see horse-drawn vehicles driven from the left side, such as we drive a car in the old days were some driven from the right. As Cleveina, a bit of a horse, I can tell you the right. The Old Farmer's Almanac is a book that is as old as the hills.

Home Hints: An old proverb says, "A horse is worth more than a house." It is true, for a horse is a companion.

OLD FARMER'S WEATHER FORECASTS

New England: Heavy rain, mild temperatures begin the week, middle of week through weekend is cloudy and cold. Greater New York-New Jersey: Week starts warm with heavy rains, then partly cloudy and cold rest of week and weekend. Middle Atlantic Coastal: Heavy rain, mild all week, wet and partly cloudy and cold. Piedmont & Southeast Coastal: Rain heavy northeast and mild through midweek, weekend sunny and cold, rain northeast.

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Pa. Grain

Monday, November 24

Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central PA Corn steady to 10 cents higher. Wheat mostly steady. Barley steady to strong. Oats steady to 15 cents higher. New Ear Corn strong to \$10 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.70-3.90, average 3.79. Wheat No. 2 range 4.15-4.60, few reported 4.96, average 4.49. Barley No. 3 range 2.25-2.60, average 2.45. Oats No. 2 range 2.00-2.20, average 2.15. Soybeans No. 1 8.30-8.80, average 8.54. Grain Sorghum No. 2 range 2.90, average 2.90. Buckwheat range 8.00, average 8.00. New Ear Corn range 91.00-108.00, average 96.36.

Central Pa.

Corn No. 2-y range 3.60-3.80, few reported down to 3.50, average 3.66. Wheat No. 2 range 4.00-4.50, average 4.19. Barley No. 3 range 2.15-2.40, average 2.32. Oats No. 2 range 1.80-2.30, average 2.03. Soybeans few reported range 8.00, average 8.00. Grain Sorghum No. 2 range 3.50, average 3.50. Buckwheat range 8.00, average 8.00. Old Ear Corn range 100.00-104.00, average 101.25. New Ear Corn range 82.00-90.00, average 87.00.

South Central Pa.

Corn No. 2-y range 3.55-3.70, average 3.61. Wheat No. 2 range 3.80-4.40, mostly 4.00, average 4.04. Barley

No. 3 range 2.10-2.20, few reported 3.15, average 2.33. Oats No. 2 range 1.90-2.00, few reported 2.60, average 2.03. Old Ear Corn range 85.00-104.00, average 91.75. New Ear Corn range 77.00-100.00, average 86.88.

Western Pa.

Corn No. 2-y range 3.10-3.50, average 3.39. Wheat No. 2 range 3.95-4.00, average 3.97. Barley No. 3 range 2.05-2.15, average 2.10. Oats No. 2 range 1.65-2.00, average 1.83. Old Ear Corn range 80.00-92.00, average 86.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.60-3.85, average 3.71. Wheat No. 2 range 4.00-4.60, average 4.29. Barley No. 3 range 2.15-2.50, average 2.39. Oats No. 2 range 1.85-2.30, average 2.08. New Ear Corn range 81.00-100.00, average 90.79.

Omaha Cattle

Wednesday, November 26

Report supplied by USDA

Compared previous midweek, prices on slaughter steers were 50-1.00 higher. Heifers at midweek were 1.00-1.50 higher. However, trading closed on a dull note in pre-Thanksgiving trading. Cows were 50-1.00 higher and bulls 50-1.00 higher.

Three day receipts this week 11,800, last week 12,500; year ago 15,400.

Fed cattle prices surged sharply upward on a wave of early optimism, but the bullishness was of short duration. An anticipated supporting advance in

carcass prices failed to materialize, and on a rather liberal Tuesday run, buyers again became selective for yield grade and live prices turned downward. Demand was further curtailed by the Thanksgiving holiday, and most interests were competitive only for immediate needs. Slaughter steers made up approximately 47 pct of the three day total and heifers 41 pct. Cows comprised 10 pct and feeders scarce.

STEERS Two loads Choice and Prime 3 with end 1 1183-1242 lbs 60-25, small. lot 3 1056 lbs 60-50 earl. Choice 2-4 1054-1179 lb ranged mainly 64-00-65-50, late sales 64-75 down. Consignments large share 4 1150-1250 lbs 61-00-63-00 late Mixed Good and Choice 2-4 63-00-64-00 Good 2-3 61-50-63-00 Good and Choice 2-3 1300-1355 lbs Holsteins 61-50-62-25 Good 1200-1350 lbs 58.50-60-00.

HEIFERS Early, several loads Choice and Prime 3-4 975-1075 lbs 63-75-64-00. Moderate volume Choice and Prime 3-4 1025-1100 lbs 63-00-63-50 Bulk Choice 62-00-63-50. Consignments large share 4 with end 5 1000-1235 lbs 60-00-61-50 Mixed Good and Choice 2-4 875-1050 lbs 61-00-62-00 late Good 2-3 59.00-61-00.

Average of LS 214 detailed quotations for Choice 900-1100 lb. steers 64.97, 1100-1300 lbs 64.72. Two day average cost steers this week 64.88, average weight 1176 lbs as compared 63-40 and 1164 lbs a week ago. Two day average cost heifers 62.57, average weight 1031 lbs as compared 60-80 and 1018 lbs a week ago.

COWS Utility and

Commercial 2-4 43.00-45-50, few 46.00. Cutter 41.00-43.50. Canner and Low-Cutter 39.00-41-50. BULLS 1-2 1200-2100 lbs 48.00-54-00 Individual 1 55-00.

Middleburg Livestock

Tuesday, November 25

Report supplied by auction

CATTLE 206 Good slaughter steers 60-00-64-75, Standard 58-00-60-00, Utility 55-00-58-00. Choice slaughter heifers 62-00-66-25 Good 56-00-62-00 Standard 50-00-56-00 Utility 48-00-50-00. Slaughter cows 47-00-51-85. Canners 43-00-49-75. Caine and Low Cutters 43-00-46-00. Shells down to 38-00. Good slaughter bullocks 55-00-61-00. Yield Grade No. 1, slaughter bulls 56-00-61-25, #2 48-00-56-00.

CALVES 170 Prime vealers 95-00-108, Choice 90-00-95, Good 85-00-90, Standard and Good 90-110 lbs 70-00-85, 70-90 lbs 50-00-70-00. Farm Calves, Hol Bulls 90-115 lbs 80-00-100-00, Hol Heifers 80-160 lbs 80-00-155-00.

HOGS 1015 US No. 1-2 210-235 lbs. barrows and gilts 48.00-49.35, No. 1-3 2-250 lbs 47.75-48.00, No. 2-3 190-270 lbs 46.85-47.75. US No. 1-3 365-575 lbs sows 40-00-43.75, No. 2-3 245-550 lbs 32.25-39.75. Boars 190-400 lbs 33.00-37.00.

FEEDER PIGS 430 US No. 1-3 10-20 lbs feeder pigs 8.00-15.00 per head, No. 1-3 20-40 lbs 15.00-32.00 per head.

SHEEP 3. Not enough for any one grade to establish a market.

Joliet Cattle

Thursday, November 26

Report supplied by USDA

Friday through Wednesday's salable receipts 3,600, 5 days last week slaughter cattle 4,971; feeder cattle 152, same period a year ago 5,491. Trading active on Monday, moderate on Wednesday.

Slaughter steers ended the week 1.50-1.75 higher. Cows ended the week 1.00 to 2.00 higher.

SLAUGHTER STEERS. Mixed High Choice and Prime 3-4 1100-1300 lbs 65-50-66-00. Monday, 65-50-66-25. Wednesday, mostly YG 1-2 1200-1300 lbs 65-00-65-50. Monday and Wednesday Choice 2-3 1100-1300 lbs 65-25-66-00. Monday, 64-50-66-00. Wednesday Mixed Good and Choice 2-3 950-1200 lbs 63-50-65-00. Monday, 63-00-64-50. Wednesday Load Mixed Good and Choice Holsteins mostly YG 2 1342 lbs 61-50. Wednesday.

SLAUGHTER HEIFERS

Mixed Choice and Prime 3-4 950-1100 lbs. 64-00-64-50, 1 load 65-50. Monday, 64-00-64-25. Wednesday. Choice 2-3 900-1125 lbs. 64-75-65-25. Monday, 1 load 64-75. Wednesday Choice 2-4 900-1150 lbs. 64-00-64-75. Monday; 63-50-64-50. Wednesday Mixed Good and Choice 2-3 800-1000 lbs. 62-50-64-00. Monday; 62-00-63-50. Wednesday.

COWS: Cutter and Utility 1-3 40-00-43-00. Monday; 40-00-44-00. Wednesday.

G&M Livestock

Duncansville, Pa.

Monday, November 17

Report supplied by auction. Market reports cows higher, steers higher, hogs weak.

STEERS. Good to Choice 64.00-67.10; Standard to Good 58-00-64-00; Other 52.00-58-00.

HEIFERS. High Choice and Prime 62.00-64.50. Good to Choice 56-00-62-00. Standard 46-00-56-00.

FEEDER STEERS. Good to Choice 300-500 lbs 50-00-69-00.

BULLS 1540-1640 lbs 50-00-51-00. 960-1200 lb 50-00-58-00.

COWS. High Choice to Prime 48-00-51-00, few 53-50, mid 56-00. Good 46-00-48-00, Utility 42-00-46-00. Cutters 40-00-42-00, Canners Down to 35-00.

CALVES. High Choice 95-00-105-00, Good to Choice 75-00-90-00, Standard to Good 65-00-75-00.

FARM CALVES. Bulls 90-00-116-00; Heifers 125-00-191-00.

FEEDER PIGS 15-30 lbs 12-00-18-00; 30-50 lbs 18-00-31-00.

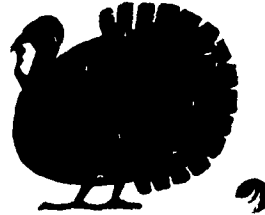
HOGS 200-240 lbs 47-50-49-10; 170-400 lbs 38-00-47-00.

SOWS 42-00-47-25.

BOARS 32-00-37-75.

LAMBS 45-00-56-00.

No Choice Lambs Offered.



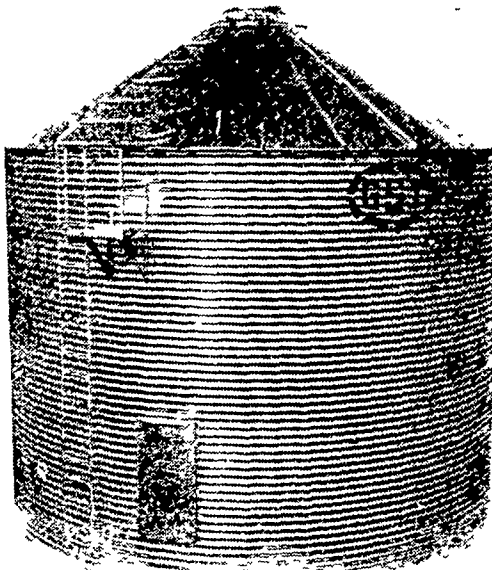
SAVE ON LOWEST PRICED GRAIN BINS

Now Is The Time To Buy The Bin You Will Need This Coming Year. Some Bins Are **25%** Less Than Projected Prices For Next Summer. Purchasing a Bin This Month Will Also Give You An **Additional 10% Tax Credit**

EXAMPLES:

18'-4026 Bu. Storage Cap. Low Temp. Drying System With capacity of drying 238 bu./day at 10 pt. removal for only 4¢/bu. operating cost.

10% Winter Discount **\$212**
7% Jan. Price Increase **\$373**
20% Secondary Bin Discount **\$538**
Total Savings **\$1123**



30'-1172 Bu. Storage Cap. Low Temp. Drying System With capacity of drying 612 bu./day at 10 pt. removal for only 4¢/bu. operating cost.

WE HAVE VARIOUS SIZE BINS IN STOCK WITH THE SAME KIND OF SAVINGS. CALL TODAY FOR THESE VERY, VERY LOW PRICES.

10% Winter Discount **\$342**
7% Jan. Price Increase **\$621**
20% Secondary Bin Discount **\$1308**
Total Savings **\$2271**

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- ___ Factory
- ___ Mix-Mill Grinder
- ___ Mixer
- ___ Automatic Mill
- ___ System
- ___ Pneumatic Feed
- ___ Blower
- ___ Soybean & Corn
- ___ Roaster
- ___ Feed Tanks
- ___ Feed Auger
- ___ System
- ___ Flex Augers
- ___ Alcohol System
- ___ Others

Name

Address

City

State

Zip

Phone

HOLIDAY SCHEDULE FOR NEW HOLLAND SALES STABLES, INC.

New Holland, Penna.

Monday, Dec. 22 - Sale as usual
Wed., Dec. 24, Christmas Eve - No Sale
Thurs., Dec. 25 - Merry Christmas
Wed., Dec. 31 - Sale as usual
Thurs., Jan. 1 - Sale as usual

Livestock market and auction news

Lebanon Valley Auction

Tuesday, November 25
Report supplied by PDA
CATTLE 190. Compared with last week's market, slaughter cows \$2.50-\$3 higher. Few loads Average Choice 1050-1350 lbs. 2-4, slaughter steers 67.00-69.00, few Good 61.25-65.85, few Standard 51.85-57.75. Few Choice slaughter heifers 60.25-66.60, few Good 58.75-62.75. Utility and Commercial slaughter cows 46.50-51.50, few 52.85, one 54.00, Cutters 44.00-48.50, Canner and Low Cutters 39.00-43.50, Shells down to 37.75. Few Choice slaughter bullocks 60.00-61.75, few Good 54.85-57.25. Few Yield Grade #1, 1085-1650 lbs. slaughter bulls 55.00-61.75.
CALVES 250. Few Choice vealers 78.00-93, few Good 70.00-80, Standard and Good 70-95 lbs. 64.00-72, Utility 50-100 lbs. 55.00-65.00. Farm Calves: Hol. Bulls 80-125 lbs. 72.00-104; Hol. Heifers 80-120 lbs. 83.00-140.00.
HOGS 240. Barrows and gilts 75 cents-\$1 lower. US No. 1-2-240 lbs. barrows and gilts 46.75-47.25, No. 1-3 190-245 lbs. 45.50-46.75, lot No. 1-3 145 lbs. at 41.00. US No. 1-3 350-590 lbs. sows 39.00-42.00, couple 43.00, few No. 2-3 4550 lbs. 35.00-39.50. Few Boars 25.00-35.00.
FEEDER PIGS 43. US No. 1-3 35-55 lbs. feeder pigs

43.00-56.50 per hundredweight.
SHEEP 8. Few High Good to Low Choice 65-85 lbs. wooled slaughter lambs 54.00-56.00.

Pa. Auction Summary

Friday, November 28
Report supplied by PDA
CATTLE: 3456. Compared with 4935 head last week, and 4157 head a year ago. Compared with last week's market: Slaughter steers grading Choice & Prime strong to 3.00 higher, Standard & Good 1.00-2.00 lower; Sl. heifers & bulls unevenly steady; Sl. cows strong to 2.00 higher. Sl. steers: few Prime 69.60-75.85; Choice 63.00-72.00; Good 59.00-66.00; Standard 50.00-60.00; Sl. heifers: Choice 60.00-66.50; Good 56.00-63.00; few Standard 46.00-56.00. Sl. cows: Utility & Commercial 46.00-52.00; Cutters 43.50-49.00; Canner & L. Cutter 38.00-45.00; Shells down to 33.25. Sl. bullocks: few Choice 64.75-70.50; few Good 54.00-64.00. Sl. bulls: Yield Grade No. 1, 1100-2100 lbs 52.00-62.00; Yield Grade No. 2, 800-1400 lbs. 48.00-56.00.
FEEDER CATTLE: Steers, Medium Frame No. 1, 300-700 lbs 60.00-75.00. Heifers, Medium Frame No. 1, 300-640 lbs. 50.00-60.50; Feeder Bulls, Medium

Frame No. 1, 400-750 lbs. 50.00-67.00.

CALVES: 2191. Compared with 3769 head last week and 3052 head a year ago. Vealers steady to 3.00 lower. Few Prime 95.00-110.00; Choice 85.00-100.00; Good 75.00-90.00; 90-110 lbs. 58.00-73.00; 70-90 lbs. 50.00-66.00; Choice 50-90 lbs. 30.00-60.00.
FARM CALVES: Hol. Bulls 90-125 lbs. 70.00-104.00; Hol. Heifers 90-130 lbs. 85.00-

155.00.

HOGS: 7140. Compared with 7255 head last week and 5994 head a year ago. Barrows and gilts steady to 1.50 lower. US No. 1-2 200-240 lbs. 47.00-50.50, No. 1-3 195-250 lbs. 45.50-49.00; few No. 2-3 240-280 lbs. 42.00-47.00; few No. 1-3 140-190 lbs. 37.00-45.00. Sows steady to 2.00 lower. US No. 1-3 300-600 lbs. 38.00-45.00; No. 2-3 400-700 lbs. 32.00-40.00. Boars 25.00-37.00.

FEEDER PIGS 2017. Compared with 1508 head last week and 709 a year ago. Feeder Pigs steady to strong. US No. 1-3 25-35 lbs. 10.00-21.00 per head; No. 1-3 35-50 lbs. 15.00-31.00; few No. 1-3 50-75 lbs. 24.00-35.50.

GRADED FEEDER PIGS: 3756. Compared with 3171 head last week and 2893 head a year ago. All sales by CWT. Feeder Pigs strong to 20.00 higher with some 30-50 lbs. 20.00-30.00 higher; US

No. 1-2 30-40 lbs. 60.00-110.00, mostly 90.00-105.00; 40-50 lbs. 65.00-107.00; 50-80 lbs. 60.00-93.00; US No. 1-3 25-40 lbs. 85.00-110.00; 40-50 lbs. 70.00-100.00; 50-60 lbs. 69.00-86.00; US No. 3 60-75 lbs. 54.00-63.00.

SHEEP: 270. Compared with 496 head last week and 249 head a year ago. Wooled sl. lambs unevenly steady. Choice 60-115 lbs. 54.00-64.50; few Good 50-100 lbs. 50.00-67.00. Sl. ewes: 10.00-28.00.

Rhododendrons need care

FLEMINGTON, N.J. — Rhododendrons have been especially hard hit by the prolonged drought this summer. Their shallow root systems were damaged by a combination of high soil temperatures and extremely dry soil. The roots of some plants were also injured this spring when excessive rains caused rotting from lack of air in the soil.

Since rhododendrons will continue to lose moisture from their evergreen leaves throughout the winter, a few precautions now will help

them withstand winter winds and sun.

If water is restricted in your community, use waste water from the bathtub, dishpan, or rinse cycle of the clothes washer. Some detergent will not harm the plants, providing the soil can be scratched lightly for aeration. Water plants until the ground freezes.

A coarse mulch of wood chips, bark chips, licorice root, or oak leaves several inches deep will help keep soil moist and at an even

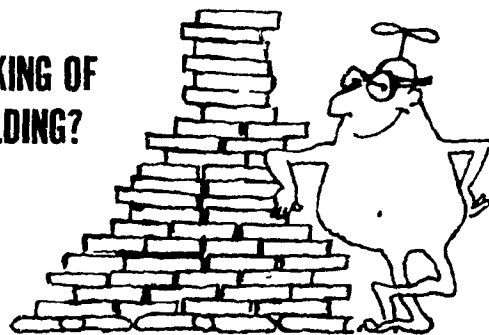
temperature. Keep the mulch a few inches away from the base to allow the bark to harden before winter. A windbreak of burlap will reduce moisture loss from bright sun or high winds. Stakes may be set in place now and burlap added about mid-December when

the ground freezes. If this is an annual problem, move your rhododendrons to a more sheltered location next spring.

Flower buds have already formed on rhododendrons and should open normally next spring as a reward for these precautions taken now.



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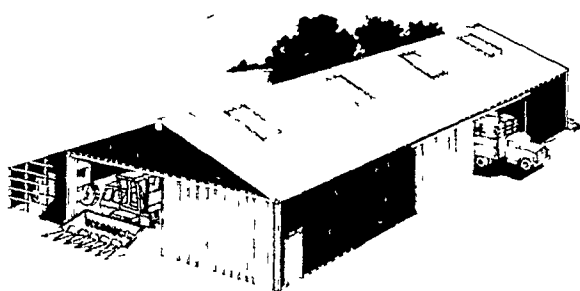
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BY CURT HARLER, EDITOR



Lancaster Farming says...

Get us an ag committee seat

It does not seem fair that Pennsylvania, the state with the largest rural population in the nation, should have absolutely no representation on either the U.S. House Agriculture Committee or the Senate Agriculture, Nutrition, and Forestry Committee.

Of the 60 members on the combined committee, only one can be said to represent the middle-Atlantic area. That person is Democrat Frederick Richmond of New York.

There is nobody else from New York. Nobody from New Jersey. Nobody from Delaware or Maryland. Nobody from West Virginia.

There's not even a single soul on either Ag Committee from a big farm state like Ohio which must suffer this slight because of its proximity to Pennsylvania.

Given the overall impact of the Grain Belt states on American Agriculture, it is understandable

states like Illinois and Iowa have three representatives on the Committees.

It might be taken as poor sportsmanship to say we deserve representation on at least one of the U.S. Congress' ag committees. But when the list of members is reviewed, the omission of Pennsylvania and its neighbors has to be seen as a downright insult.

A political lightweight like Vermont merits not one but two members on the ag committees. Patrick Leahy on the Senate side, and James Jeffords on the House side.

Worse yet, North Carolina has four representatives, including a trio of Democrats on the House Ag Committee.

Now we have nothing at all against Democrats, but North Carolina's over-representation in the House can't even be chalked up to an effort

to get seats for members of both parties.

Would it be too unkind to suggest this excess representation is a result of the powerful tobacco lobby there?

In fact, the South has had a strangle hold on many key positions in Congress for a long time. This includes the agriculture committees.

Seven Southerners out of 18 on the Senate Committee, and 14 out of 42 on the House side, seems like too many people representing one area at the expense of other areas. Does Dixie really merit one-third of the representation on the House Ag Committee?

We think not and would like to see something done about it.

Not being ones to grouse without offering alternatives, we'd like to nominate Arlen Specter for a seat on the Senate Agriculture Committee.

Specter, at a pre-election lunch with LANCASTER FARMING, in-

dicated he would welcome such a position. He was elected largely on the basis of support from the farm and rural areas of Central Pennsylvania.

He is, of course, a Republican. And the new Chairman of the Senate Agriculture Committee, Jesse Helms of North Carolina, should welcome some party backing on the agriculture committee even if it isn't from the South.

Specter made an effort to talk to farm groups during his campaign and we presume he will keep those lines of communication open.

Pennsylvanians, and all mid-Atlantic farmers, need a representative who understands 150-acre farms and doesn't think in terms of bales of cotton, thousands of acres, or tens of thousands of steers.

Pennsylvanians deserve an ag seat in the 97th Congress.



ON A CLEAR DAY...

November 30, 1980

Background Scripture:

Revelation 11:15-19, 21

Devotional Reading:

Isaiah 11:1-9

A few months ago I stood in the cave - now a tiny chapel - where, it is believed,

John wrote the great Apocalypse, the Book of Revelation. A Greek Orthodox monk showed Valere and me the place where John knelt in prayer, the crack in the ceiling through which, according to tradition, he heard the voice while "in the Spirit", and the writingstand where his disciple Prochoros took down dictation from him to write the revelation he was receiving.

A little pamphlet the monk gave us reads:

Dear visitor,

Your coming to this holy place is not a chance event in your life, God, who "wishes

all men to be saved and to come to a knowledge of the truth" (1 Tim. 2:4) who directs all things for man's spiritual benefit, has guided you here for you to listen, deep within yourself, to the secret echo of the words that were spoken to St. John and to the seven Churches of Asia Minor.

FLASHES OF LIGHTNING

I agree. I have visited many "holy" places and shrines throughout the world, but seldom have I been so moved as I was in this tiny chapel. There was nothing exceptionally beautiful about the chapel,

but there was an indefinable feeling there of God's presence. On the ceiling is a large crack, a fissure, it is believed, caused by exceptional physical and supernatural phenomena that accompanied the vision," quoting Evthymios Koutsanellos, Superior of the Holy Cave of the Apocalypse. John himself speaks of the power with which the revelation came to him.

Then God's temple in heaven was opened and the ark of his covenant was seen within his temple; and there were flashes of lightning,

loud noises, peals of thunder, an earthquake, and heavy hail (Rev. 11:19).

Well, I heard no thunder, saw no lightning, and felt no earthquake, but I did feel a quickening of the Spirit within me. The message of Revelation thundered inside me. Though the nations rage, God is in charge and the kingdom of the New covenant will be victorious in his own good time - so keep the faith.

SEEING THE HOLY CITY

John had been banished to the tiny, remote island of Patmos because of his effectiveness for Christ in

Ephesus. But his punishment became an opportunity; as, one by one, he converted the people of Patmos to Christ. And it was in this place of banishment that on a "clear day" of God's Holy Spirit John was able to see clear through to the holy city of New Jerusalem which was still to come.

For a few moments I too was granted a "clear day" to see beyond the present to the fulfillment of God's covenant, promised from the beginning in Abraham, manifest in Jesus Christ, and still firmly in the grasp of an omnipotent and loving God.

NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851



TO CONTROL ALFALFA WEEDS

Many alfalfa growers are bothered with winter-time weeds such as chickweed and shepherdspurse. The best time to control these weeds is after the alfalfa is dormant and prior to Jan. 1. This means that December is the month to get the best results. When herbicides are applied at this time the weeds are smaller and easier to kill.

Some farmers may wait until next spring when the weeds are more mature and harder to kill. There are several materials to use depending upon the mixture in the stand and the age of the plants. I'd suggest that growers refer to the Agronomy Guide for information on materials and rates. The important thing is to make the herbicide application yet this fall.

TO VACCINATE REPLACEMENT HEIFERS

All dairy and beef producers who are raising young stock for breeding purposes should establish

the good practice of vaccinating their heifers for Brucellosis. This should be done when the heifers are from three to six months of age. The younger the better within this range.

The purpose of vaccinating is to build resistance to the disease in the young animals. If they become exposed to the infection later, their chances of coming down with a positive test is much less. Considering the fact that we do have some problems with this cattle disease in the state, I strongly suggest that producers make an effort to eradicate the infection through calfhood vaccination.

TO MARKET CATTLE WHEN FINISHED

The fat cattle market continues to have problems with too many over-finished cattle. This helps drive down the price of fat cattle. This is not a new suggestion from this Extension Agent; I have mentioned it previously. However, we still have feeders who keep their cattle too long and get discontinued on the market. In this part of the state we have lost our demand for the heavy, over-finished cattle; it never was too good but is weaker now than previously.

When cattle get so fat they are Yield Graded 4 or 5, the producer gets less per pound for the entire steer. If he

would have marketed the animal earlier when it would Yield Grade 2 or 3, he would get more per pound and have better feed efficiency. It costs money to over-fatten cattle from the feeding standpoint, plus the fact that the market will pay less per pound. All feeders are urged to pay more attention to selling when they will Yield Grade 2 or 3 (Quality Grade of Low Choice), and not put costly feed into them any longer.

TO CHECK STANDBY GENERATORS

That standby generator may be needed at any time. Is it ready? With all the uses

of electricity on the farm today we need this type of emergency department. We are in the weather season now when we can expect both snow and ice storms that can give us power outages. This means that activities on many farms will stop when we do not have electricity. To have a standby generator is very good management, however, to check it over and be sure that it will work is even better planning. This kind of emergency equipment can be a life saver for both man or beast, as well as eliminate possible financial losses.

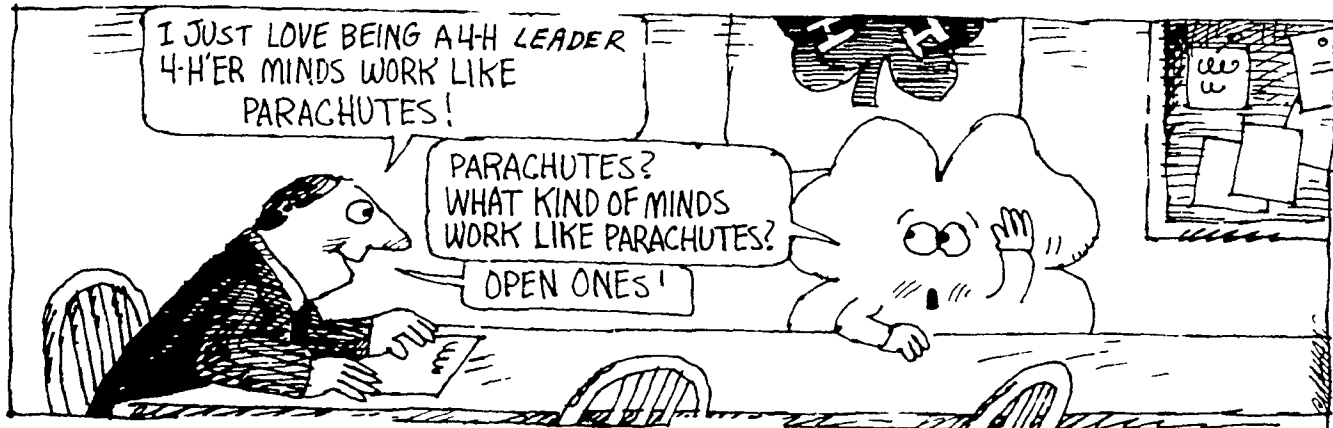
Farm Calendar

Today, November 29
Garden State Beef Cattle Classic, N.J. Polled Hereford Assoc., Flemington Fair Grounds, begins at noon
Sunday, November 30
National 4-H Congress, Chicago, Ill., continues through December 1
Monday, December 1
Delaware Pasture Conference, Hercules Country Club, Wilmington, Del., 8 a.m. - 4 p.m.

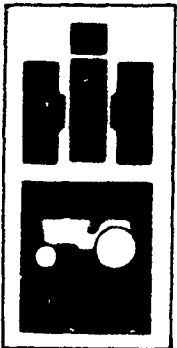
Tuesday, December 2
New Castle-Kent Counties Crop Meeting, Clayton Fire Hall, Clayton, Del., 9:30 a.m. - 3 p.m.
Peninsula Horticultural Society Vegetable and Fruits Day, Delmar Convention Hall, Delmar, Md., 9:30 a.m. - 2:45 p.m.
North Jersey Small Fruit Conference, Watchung View Inn, Pluckemin, N.J., 9 a.m. - 4 p.m.

(Turn to Page A34)

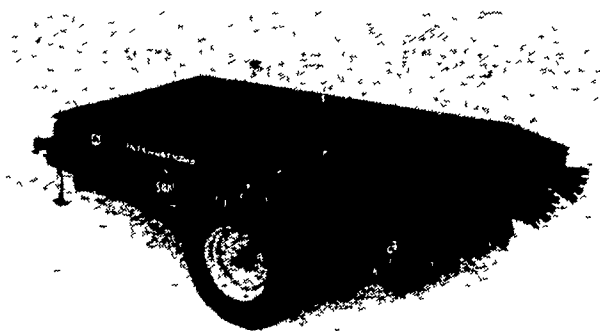
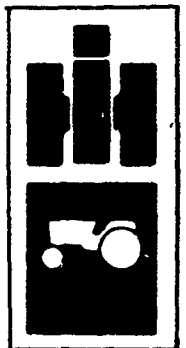
CHRIS CLOVER



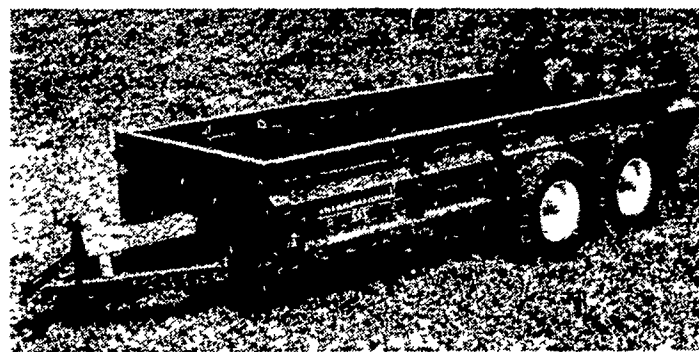
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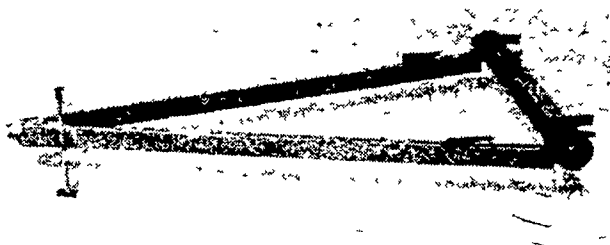


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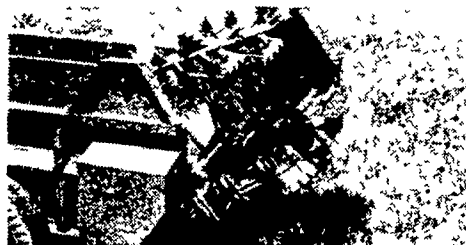
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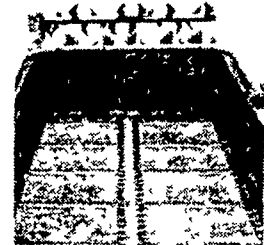
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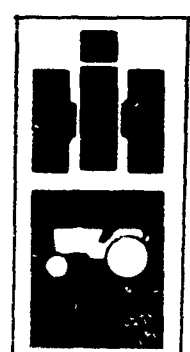
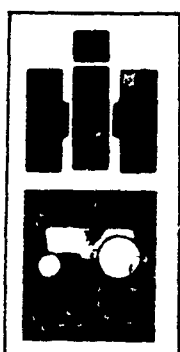
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Angus Assn. releases bull breeding value statistics

ST. JOSEPH, Mo. — A comprehensive report on the breeding value of 564 registered Angus bulls was released recently by the American Angus Association and is available to the general public, reports C.K. Allen, executive vice-president of the American Angus Association.

The "Field Data Sire Evaluation Report" is the first of its kind ever produced by a long established beef breed organized, Allen said.

The 60-page bound report shows a dramatic variation in the ability of individual Angus bulls to sire calves with superior weaning and yearling weights. The expected progeny differences for yearling weight range from a minus 35 pounds to a plus 60 pounds, according to Dick Spader, director of breed improvement for the American Angus Association.

"This means," he said, "that a breeder who uses the minus bull could expect the yearling weights of his calves to be reduced by as much as 35 pounds per animal. On the other hand, a breeder who uses the top ranking bull would find that the calves from this sire would average up to 60 pounds heavier than calves from other sires in the report."

The potential yearling weight difference in the calves from these two bulls would be 95 pounds. Based upon \$70 per cwt cattle prices, that would mean a \$66.50 per head difference in the value of yearling offspring from the two bulls.

"Obviously this report can have a major economic impact on the Angus breed and upon the commercial

cattlemen who use Angus bulls in their programs," Spader pointed out. "Cattlemen who use this report to help them select breeding stock to improve specific economic traits in their herds should be able to increase the productivity of their cattle."

The new Field Data Sire Evaluation Report, available for \$5 from the Association, is based upon the more than 1.5 million birth, weaning, and yearling weight records on permanent file in the Association's Angus Herd Improvement Records program. Breeders have no choice of whether their bull is listed in the report. All Angus bulls with sufficient qualified progeny are evaluated and listed.

The report on each individual bull shows the expected progeny difference for birth weight, when available, and for weaning weight and yearling weight. These are expressed in plus or minus pounds to make it easy to evaluate individual bulls, and compare different bulls.

In addition, a maternal breeding value is also calculated for each bull. It is expressed as an estimated breeding value of how daughters of a bull will milk.

This ratio is also accompanied by an accuracy figure to show cattlemen how accurate the ratio is. In general the more of a bull's progeny that were used to compute the ratio, the higher the accuracy figure.

Richard Willham, Iowa State University, who along with an associate P.J. Berger analyzed the AHIR data for the 1980 Field Data Report, points out that Angus breeders have made

outstanding progress since 1965 when they first began keeping AHIR records in significant numbers.

"The average Angus sire born in 1978 was genetically 34 pounds heavier in yearling weight than the average Angus sire born in 1965," he said. "The genetic trend of 2.6 pounds per year in the Angus breed represents the response of Angus breeders to the beef industry's desire, first expressed in the middle 1960's, to have Angus breeding stock with more growth potential. This evaluation of a genetic trend is the first reported for a breed of beef cattle."

"The genetic trend for the Angus breed for pre-weaning growth (weaning weight) is plus 11 pounds from 1965 to 1978," Willham said. "This is an important change, although not as spectacular as the yearling weight change."

Some 214,000 yearling weights on file in the AHIR program were analyzed to produce the yearling figures, Willham said. The statistical procedure used was developed for dairy sire evaluation at Cornell University.

The Field Data report represents a "milestone" in the use of performance records for accurate selection of sires, said Willham.

"Until now only the newly introduced breeds have had sire evaluation programs that used existing performance data. This was possible because the breed were introduced by using sires by artificial insemination."

The Association report was made possible by two factors — the open artificial

insemination rule adopted by the Association board of directors in 1972 combined with the subsequent widespread use of A.I. throughout the breed, and the dramatic increase in recent years of the use of the AHIR program by Angus breeders.

Another factor that contributed to the success of the field data report were the 250 Angus bulls evaluated in the designed Sire Evaluation program started in 1974. Some of the sires used in the designed program, and later used widely in the breed through artificial insemination

performance data together and made it possible to compare sires in all parts of the country and under various management conditions. Only Angus bulls that had sufficient numbers of AHIR progeny tied to reference sires were included in the field data report.

One surprise that came from the report is that, despite an increase in yearling weights, there has been a slight decrease in overall average birth weights in the Angus breed since 1965. The decrease has averaged a minus .2 pound per year.

Several factors could influence this trend, according to Willham, but he said that it "...does suggest that...Angus breeders are considering calving ease in their sires."

The Field Data Sire Evaluation Report represents a shift from purely subjective evaluation to more objective means of evaluating the value of a breeding animal.

"The American Angus Association has provided its breeders with the most current set of performance programs in the breeding stock industry," Willham concluded.

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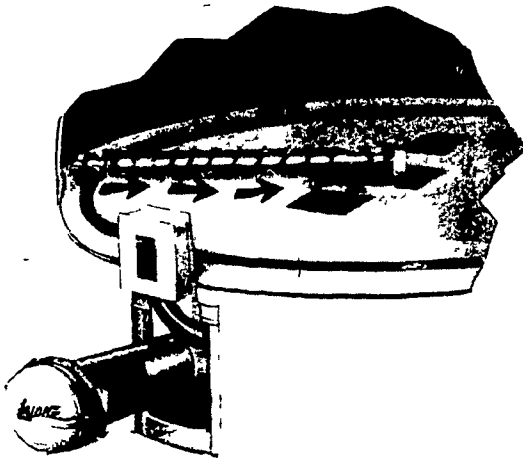
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Follow a fall vaccination schedule

NORRISTOWN—With the change in season and the confinement of cattle come some disease problems; winter dysentery, IBR, BVD, and a host of non-specific infections. For many dairymen, fall is a good time to bring the vaccination status of their herd up-to-date. There are vaccines

against many bacterial and virus diseases. Which ones should be used in your herd?

Infectious Bovine Rhinotracheitis (IBR) is widespread in Pennsylvania. Most herds have had IBR or will be exposed periodically.

A regular IBR schedule makes sense for Pennsylvania dairymen. Use nasal or killed-vaccine in the fall at least two weeks before stabling cattle for the winter.

A modified live vaccine is also available, but this should not be used in pregnant cattle.

If you use the modified live vaccine, inject open cows and heifers over 6 months of age. Parainfluenza (PI3) is another respiratory virus. Both IBR and PI3 are generally combined into one vaccine.

Bovine Virus Diarrhea (BVD) is also widespread in Pennsylvania. Some areas of the state have not experienced any BVD problems. The decision to vaccinate against BVD is an individual one based on local conditions. Consult your veterinarian about BVD vaccination.

Only one type of BVD

vaccine, a modified live virus product, is available. This should only be given to non-pregnant animals.

Leptospirosis (Lepto) is a common cause of abortion in cattle.

There are at least five types of Lepto in Pennsylvania. Annual vaccination is recommended especially if Lepto has been diagnosed in your area.

Some dairymen prefer to Lepto vaccinate in the spring since pasture-season is a high risk time for Lepto infection.

Pasteurella vaccines are available for protection against shipping fever. Two doses two weeks apart in the fall are recommended for protection. Protection against shipping fever is not complete and many closed herds cannot justify the use of this vaccine in their herd.

Brucellosis calfhood vaccination should be done year-round as heifer calves reach vaccination age. You may also want to protect calves against IBR and/or viral calf scours if these diseases are present in your herd.

In areas of southwestern Pennsylvania, Blackleg

vaccination is a necessity.

If the disease has never been diagnosed in your area, you probably don't need to vaccinate.

There is no vaccination program that's right for every dairyman. It depends on diseases in your herd and

in your area. You and your veterinarian will need to decide on the right program for your herd. It may change from year to year.

In any case, decide now what you need for protection this winter. Don't wait until they're sick.

Task force

(Continued from Page A1)

that includes specific recommendations for maximum feasible expansion of U.S. farm exports between now and 1990.

"A key objective of this phase is to attract significant input from people who understand that increasing farm exports is a matter of national interest," Walker explained.

All responses to the first draft "Blueprint" will be considered in a second draft to be presented at a National Conference on Farm Export Expansion scheduled for February 9 to 11, 1981, in Washington, D.C.

Following the conference, important features of the plan will be presented in an extensive public education program. Efforts will focus

on reaching audiences in major urban centers across the country.

Walker pointed out that these 16th District leaders will be joining with other prominent constituents from all across the country being named by other Congressional supporters of the project.

"Almost one year of research, development and organization has gone into the U.S. Farm Export Education Project," he noted.

"During that time, support has been developed from every major export commodity, agribusiness suppliers, virtually every segment of the farm export community and the U.S. government," he added.

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But emergencies are only part of the story. Owner Lloyd Edns used the Yellow Jacket to power a welder and complete a field repair job on a corn planter. At other times he uses the unit to operate electrical equipment in one of his older, unwired buildings.

Alaska to offer dairymen \$100 per acre farms

ANCHORAGE, Alaska — Raising milk cows on Point McKenzie isn't expected to be a get-rich proposition.

Farmers taking part in the state dairy project will

"about break even" if milk and cheese is offered at prices competitive with the Pacific Northwest, John Nash, Matanuska-Susitna Borough deputy mayor, told

Resource Development Council of Alaska members.

According to the Anchorage Times, some 15,000 acres of Point McKenzie land is set aside for disposal by lottery in March to qualified dairy farmers.

It will be sold for \$100 an acre, Nash said. Apart from state loans costing the farmers six percent interest, there are no plans to subsidize or protect farmers with tariffs.

The borough expects the dairy project, begun two years ago, to increase the number of milk cows by 3000. Milk production is expected to reach \$8 million a year by 1985. The valley economy would be enhanced by \$40 million a year, Nash said.

Although dairy production competitive with the Pacific Northwest is the immediate goal, ideas for long-range industrial growth are taking shape in the minds of borough officials.

Borough attorney Allan Tesche called the borough "a developing nation within the state."

The borough is working with Dow Chemical to examine the feasibility of locating a gas liquids conditioning plant within its boundary, he said. Plentiful coal could produce inexpensive power.

Limestone there could be the basis for a cement plant at Point McKenzie. The borough has 1.2 million acres of commercial timber land and numerous minerals apart from gold, platinum and silver.

Kaiser Aluminum has expressed an interest in building a plant in the valley if sufficient power is available, he said.

The dairy project is expected to turn around the valley's milk production, which has declined during the past several years.

The means to process and market the dairy products already exists, Nash said.

Nash said 10 qualified farmers already have expressed interest in the project, but one valley farmer is concerned that those with power and money would get the land.

George Barton said he had applied for farm land made available near Talkeetna in 1977 but despite 20 years'

dairy farming experience in Wisconsin, was refused. Almost all of those who got the land, he said, do not

know how to farm and are holding the land for development.

The state will keep

development rights to the land being offered at Point McKenzie, which must be used for agriculture, Nash said.



Brief answers
to short questions

Sheila's Shorts

By Sheila Miller

A kid'll eat ivy too?

Here's a question from Roland Kamoda of Monongahela that tends to bring out the kid in me — who doesn't remember the nursery rhyme about mares and does eating oats and little lambs eating ivy.

He writes:

I don't know anything about goats and have some poison ivy to get rid of. Would they eat it? What's the best breed that gives milk?

Getting my information from a most reliable source, I can tell you that goats do indeed eat poison ivy. However, I'll pass along this word of caution — it gives them diarrhea if they eat too much at one time.

If you're buying goats to clean up your fence rows and grown up pastures (which they do an excellent job on, by the way), you should introduce the goats to their cleanup task a few hours at a time. At the same time, they should be fed hay whenever you bring them back to the barn.

As far as which is the best breed for milking, I learned there is no significant production difference between the breeds. However, the Nubians give more cream and their milk has a slightly different taste.

Mr. Kamoda has asked a special favor of the readers of Lancaster Farming. He writes that he fell in love with a sweet gum tree and is looking for seeds to plant. If anyone has the potential offspring for a similar tree, please let him know by writing Roland G. Kamoda, R1 Box 282, Monongahela,

PA 15063.

In reference to a recent column I wrote about a nut growers association, Mr. Kamoda has since informed me — there is another association — the Northern Nut Growers Association, 4518 Holston Hills Road, Knoxville, Tennessee 37914.

He said this Association is world-wide, puts out a newsletter, and has an annual convention and report.

Just thought I'd pass that tidbit of information along.

To market, to market

It seems there is a growing interest in our poultry and small animal market reports, especially Fogelsville Poultry and our latest addition, Heinsey's Poultry.

If you, like Edward Geiger, 515 Cypress St., Leighton, PA 18235, would like to market some rabbits or poultry at these two auctions, it would help to know how to get there.

Fogelsville Auction is held near a town that bears its namesake. To find Fogelsville, look for Lehigh County on the map — or better yet, find Allentown. Then travel west along Interstate 78 until you reach Route 100, and there's Fogelsville.

Heinsey's is located in Lancaster County, between Manheim and East Petersburg. Traveling north or south on Route 72 from either town, you head west on Auction Road. Then in one short mile, you'll find your at Root's Market, home of Heinsey's Poultry.

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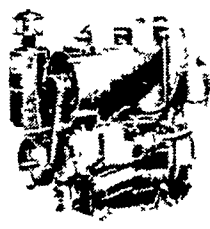
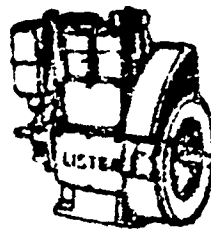
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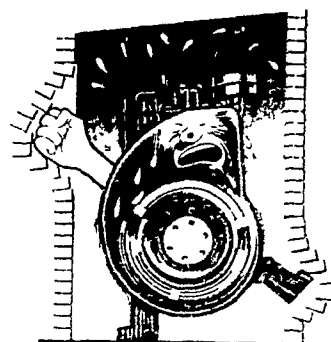
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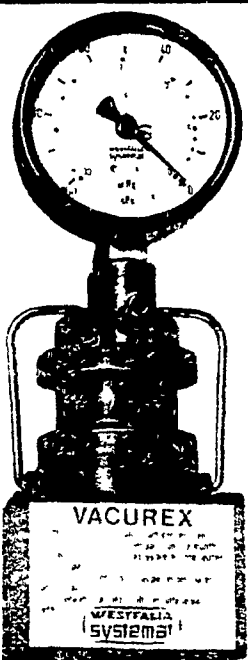
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Hann receives State Grassland Council Award

HERSHEY — Richard C. Hann, director of agribusiness for the Milton Hershey School Farms, has been named winner of the 1980 Pennsylvania Forage and Grassland Council's Special Award.

A plaque, for outstanding service to the state's forage industry, was presented to Hann November 24 at the

20th Anniversary Forage Conference.

According to John E. Baylor, Extension agronomist at Penn State, Hann has been instrumental in the growth of the state grassland council and supports its many educational activities. He assisted in the development of the State Hay Show, State

Hay Crop Silage Show, Alfalfa Growers Contest, and Outstanding Grassland Farmer Program. He currently serves as secretary-treasurer of the Pennsylvania Forage and Grassland Council.

A native of Lititz, Hann graduated from Penn State in 1958 with a bachelor of

science degree in agriculture. Prior to joining the Milton Hershey School Farms staff in 1966, he was employed by the Pennsylvania Farm Bureau, Lancaster Farm Bureau, and Agway, Inc.

Hann is a member of the Pennsylvania Young Farmers Foundation, Southeastern Milk In-



Richard Hann, of the Milton Hershey School Farms, left, is presented the Pennsylvania Forage and Grassland Council's Special Award from Dr. Kenneth Leath, council president and plant pathologist with the USDA Regional Pasture Research Laboratory at Penn State.

Farm income tax meetings planned

UNIVERSITY PARK — A series of Farm Income Tax area meetings will be held

throughout Pennsylvania in January by the Penn State Extension Service.

The schedule of day-long meetings, continuing from 9:30 a.m. to 3:30 p.m., include:

January 6, Carlisle Embers; January 7, Lancaster Farm and Home Center; January 8, Collegeville Inn; January 9, Lewisburg Country Cupboard Restaurant; January 13, Tamaqua, Leibys Ice Cream House; January 14, Tunkhannock, Cleaverack Electric Building; January 15, Mansfield, Tri-County Rural Electric Cooperative Building; January 20, DuBois Holiday Inn; January 21, Meadville

Holiday Inn; January 22, Butler, Garden Gate Restaurant; January 27, Altoona Sheraton Motor Inn.

Registration costs are \$15 for individuals and \$22.50 for husbands and wives, covering costs of lunch and materials.

Instructors are Jesse G. Cooper and B. Wayne Kelly, of the Farm Management extension staff.

Registration forms are available at county extension offices. Interested persons are urged to register at least two weeks prior to the meeting in their respective areas.

Approves Christmas tree spray

WILMINGTON, DEL. — Christmas tree growers have another weapon in their fight against fungus problems.

A new state label to allow use of benomyl, marketed as Benlate and Tersan fungicides, has been cleared for controlling Diplodia tip blight on Red and Austrian

pinus in both Pennsylvania and New Jersey.

The material can be applied at one pound material per 100 gallons water with a sticker. Alkaline pesticides should not be used with the mixture.

Further information appears on the product label.

spectors Association, Keystone Area Boy Scouts, Rotary Club of Hershey, Hershey Toastmasters Club, Pennsylvania Mastitis Council, State Veterinarian and Nutrition Association, Plowing Contest Committee, Derry Presbyterian Church, Spring Creek Lodge, and Hershey High School Band Parents.

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Kenneth and Sharon Schlegel, left, National Grange Young Couple, and Carline and Nelson

Blatt, State Young Couple of the Year, were honored at the meeting.

Berks Pomona Grange honors its members

BY LAUREL SCHAEFFER
Staff Correspondent

FLEETWOOD — Berks County Grangers turned out in large numbers last Friday to honor their own members during the seventh annual Pomona Grange Recognition Banquet, held at the Fleetwood Grange Hall.

Among the honored guests were Mr. and Mrs. Kenneth Schlegel, Fleetwood, recently named National Grange Couple of the Year, and Mr. and Mrs. Nelson Blatt, of Virginville Grange, the Pennsylvania State Grange Young Married Couple of the Year. The Blatt's will have the opportunity to follow in the Schlegel's footsteps next year.

Other distinguished members of Berks County Granges were Mrs. Irvin Kauffman, Pennsylvania State Grange Pomona; Sharon Blatt of Ontelaunee Grange - State Junior Princess; Jane Hill of Virginville Grange - Pennsylvania Outstanding Junior Grange Achievement Scrapbook, Community Services Jane Hill was also second in National Competition in this category.



Ernest Miller, Pomona Master, Feryl Treichler, past Pomona Master, presented George M. Meiser IX, the non-member Community Citizens award.

Awards were also presented to Rhonda Hartman, Kutztown Grange - Slides, Scenes, People; Daniel Hartman, Kutztown Grange - Slides, Close-up, Animal, Pastel Drawing, Water Color Drawing; Mary

Greiss, Kutztown Grange - Holiday Happiness; Cindy Miller, Kutztown - Refrigerator Art, Pam Smith, Kutztown Grange - Acrylic Painting; Henry Seidel, Virginville Grange - Sunflower; Sally Rothermel,

Fleetwood Grange - Youth Department Chairlady.

Berks County's drill team was also recognized for placing first in State Competition under the direction of captain Steve Mohn. Other members included: Ruth Miller, Carlene Blatt, Sue Treichler, Karen Rothermel, Richard Kieffer, Brenda Miller, William Rothermel, Roger Bollinger, Sheila Zechman, Alice Bollinger, Shirley Merkel, Scott Miller, Keith Treichler, Robin Ohlinger, Nancy Roth, Sally Rothermel, Joanne Roth, Joanne Zerbe, Nelson Blatt, Milton Rothermel, and Sandra Hill.

Coaches were Nettie Kauffman and Harold Overly.

Virginville Grange was cited for first place in community service, and Pennsylvania State Grange Runner up for Best of Show at National Grange Michael Krammer of Ontelaunee Grange was also recognized. Michael played the saxophone and repeated this performance for the audience in attendance.

Berks County's Farm Family - Mr and Mrs Carl Miller and children were

(Turn to Page A18)



Sharon Blatt, left, State Junior Princess, and Jane Hill, State Outstanding Junior Grange Achievement Scrapbook and Community service winner pose for photograph

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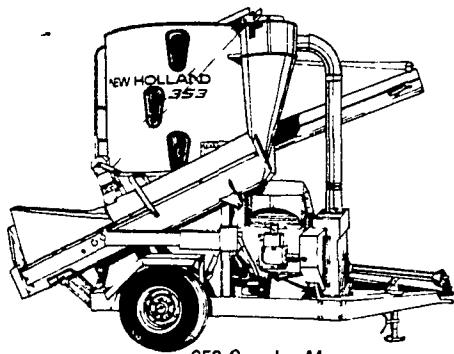
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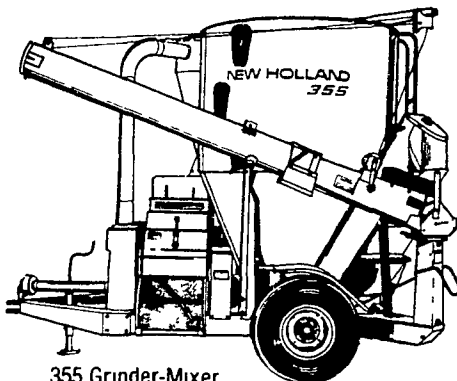
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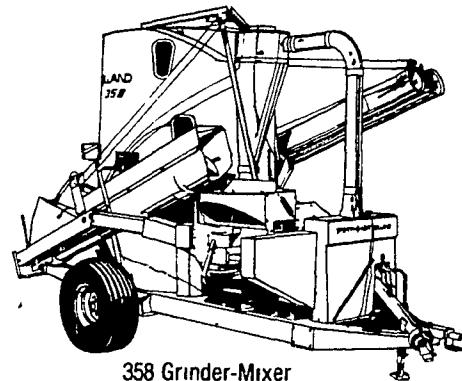
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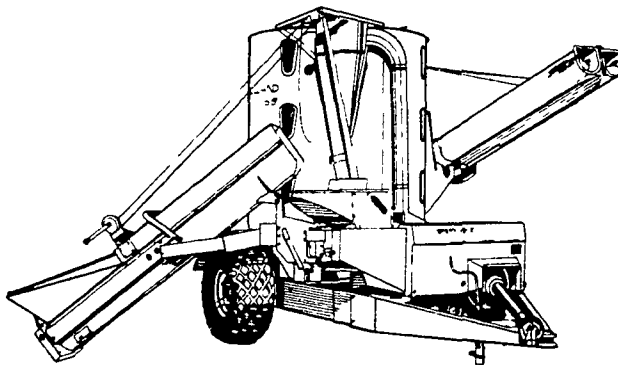


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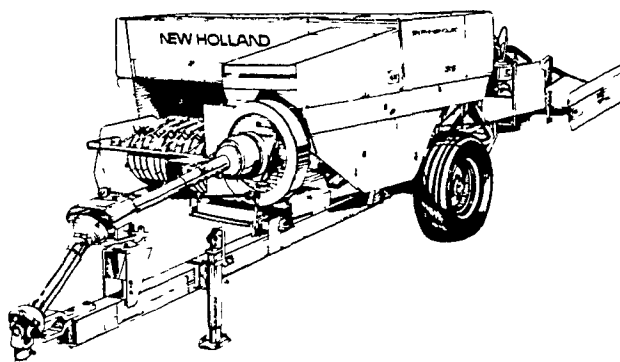
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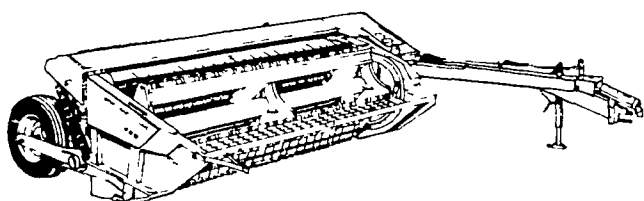
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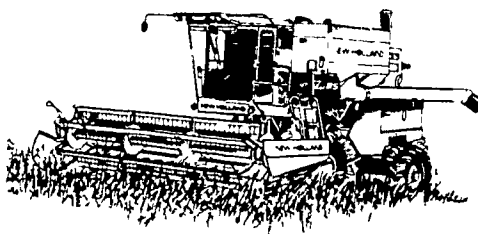


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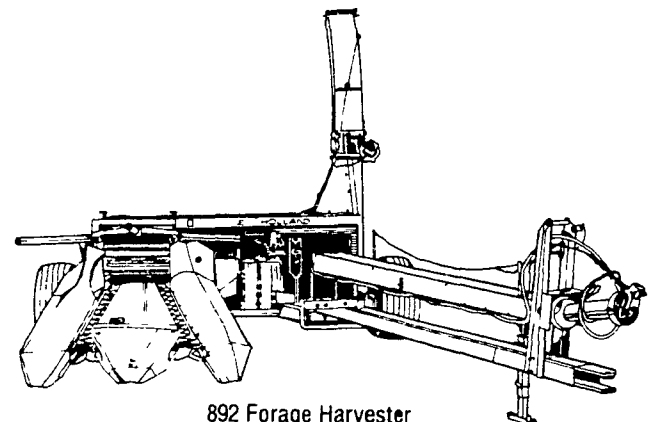
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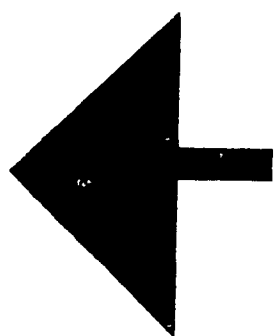
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Farm exports to hit record for 12th straight year

LITITZ — In fiscal year 1981, exports of U.S. farm products are expected to increase about 20 percent from last year's \$40.5 billion, resulting in the 12th consecutive year of record export values.

Agricultural imports are also expected to set a record at \$18.5 billion, leaving the agricultural trade surplus at

\$30 billion — \$7 billion larger than in fiscal 1980.

Export volume is forecast at a record 170 million tons in fiscal 1981, up from 164 million last year. Feed grain shipments are expected to increase about three million tons to 74 million, while wheat shipments could rise four million tons to more than 41 million. Small gains

are forecast for rice exports.

Export volume may decline for soybeans, cotton, tobacco, and vegetable oil. U.S. export volume and value this year will be shaped primarily by the following: 1) the drought-reduced U.S. harvest of feed grains, oilseeds, and cotton; 2) reduce wheat production and export prospects in

Australia and Argentina; 3) a second consecutive year of poor grain crops in the Soviet Union; 4) a decline in Chinese grain production and a substantial increase in total Chinese imports; 5) continued slow economic recovery in the major developed markets; 6) a sharp deterioration in the current trade accounts of most developing countries; and 7) slower growth in foreign livestock production.

Higher prices will likely account for four-fifths of the increase in the U.S. farm export value this year, with volume increasing about four percent.

Although foreign grain production is up somewhat this year, the 12-percent drop in the U.S. grain harvest — in the face of record export demand — has driven up export grain prices.

Wheat prices are expected to be five to 10 percent higher than in fiscal 1980, while corn, sorghum, and soybean prices are projected up about a third.

Soybean export volume may decline five to eight percent due to higher prices, increased supplies in Brazil and Argentina, and reduced U.S. production.

Rice exports increased sharply in fiscal 1980 because of unusually large shipments to Korea of 725,000 metric tons, and exports to Korea may be even larger this year because of a sharply smaller rice crop there.

Cotton exports, which showed the biggest increase of any U.S. crop in fiscal 1980, will experience a dramatic decline in the current fiscal year as reduced supplies, the resulting higher prices, and a weak world economy dampen demand for U.S. cotton.

The recently signed grain accord with China (Jan. 1981-Dec. 1984) will establish China as the largest U.S. wheat market (about 6 million tons).

Annual exports of six to

eight million tons of wheat and corn were agreed upon, with wheat accounting for 30 to 35 percent of the total. China may import up to nine million tons of U.S. grains without prior notification.

The USSR has already completed purchases of 8 million tons of wheat and corn allowed under the terms of the U.S.-USSR grain agreement, which is in its final year. The Soviet grain crop is now estimated at 185 million tons — the second consecutive poor harvest — portending another year of aggressive Soviet buying on world markets.

U.S. agricultural imports are expected to increase more than \$1 billion to \$18.5 billion in fiscal 1981. Sugar imports are expected to rise about \$1.5 billion, the result of anticipated increases of eight percent in volume and nearly 80 percent in unit values.

Ask the VMD

Leon Riegel



Tim Trayer



Edgar Sheaffer

If you have a question you would like answered by Dr. Leon Riegel and Dr. Edgar Sheaffer of Valley Animal Hospital, Palmyra and Dr. Tim Trayer, Denver, send it to Ask the VMD, Box 366, Lititz, PA 17543. Questions will be kept anonymous on request.

Poison Possibilities?

A reader asks:

Could you please fill me in on various poisons to livestock, like prussic acid from sudangrass, black cherry, and any other plants or trees that would be dangerous? What are the symptoms and antidotes for these poisons?

Chris Bonner
1959 Straits Corners Road
Candor, New York 13743

Dr. Sheaffer comments:

Looking at the first poison on your list, prussic acid or hydrogen cyanide, there are several plants that are capable of producing this compound. They are sorghum or sudangrass hybrids, Johnsongrass and arrow grass, black cherry and wild cherry, chokecherry, pinchberry, and flax.

The content of cyanide in these plants is increased by anything that damages the plant parts, such as heavy fertilization, frost, wilting, trampling, plant disease, and herbicide application.

An animal that has consumed any stressed plant in the above list will show sudden distress, usually within five to fifteen

minutes. Symptoms are muscle tremors, rapid heart beat, collapse and ultimately death. The mucous membranes and blood may be cherry red in color.

If the animal is seen within the first few minutes of distress, treatment is possible. But immediate action is vital because death generally occurs within a short time.

One treatment calls for sodium nitrite to be administered intravenously — slowly and carefully. This should be followed by sodium thiosulfate, also intravenously.

Methylene blue therapy is another antidote.

Another potentially poisonous plant is Bracken fern, which grows in wooded areas under large trees, especially evergreens. This plant is poisonous to all classes of livestock, but is most severe in ruminants and horses.

In horses, the signs of poisoning are loss of appetite, weakness, and incoordination. There may be blood in the urine, but this is not a common symptom.

The poison destroys all the Vitamin B₁ in the horse's system. Treating the horse with high level doses of B vitamins, especially thiamine, and moving it to another pasture should counteract the poisoning.

In sheep, cattle, and other ruminants, Bracken fern ingestion causes a bloody diarrhea, with many large blood clots in the manure. Sheep that ingest low levels of Bracken fern develop bladder tumors and are blind in bright light.

Death is due to rapid blood loss, weakness and anemia.

Treatment consists of changing pastures and feeding a good quality diet, high in protein and energy. Severely anemic animals should be given blood transfusions.

Pork producers to fund scholarship

KUTZTOWN — The Pennsylvania Pork Producers Council has decided to establish a scholarship in memory of Dwight E. Younkun to be awarded annually to an outstanding undergraduate student at Penn State University.

The award will go to a student whose primary

interest is in the field of swine industry.

For further information write to Herb Schick, Secretary-Treasurer, Pennsylvania Pork Producers Council, R2 Kutztown, PA 19530.

Checks should be made out to the Dwight E. Younkun Memorial Fund and sent to Herb Schick.

Berks Grange

(Continued from Page A16)

also recognized for their achievements during the year.

In the Women's Activities Department, chaired by Ella Bachman, the following were recognized: Sewing Class-D - Sandra Dietrich, non-member; Log Cabin Quilt - Dorothy Fritz, Bernville Grange; Crewel Pillow - Sally Burkhart, Gouglerville Grange; Bar Cookies - Doris Hoffman, Virginville Grange; and Macrame - Sally Burgert.

State Bowling Tournament winners included Woman's Hi Triple - Ruth Miller, Marion Grange; Men's Hi Triple - Gary Moyer, Marion Grange; Woman's Hi Average - Sandy Manbeck, Marion Grange; Men's Handicap Single - Dennis Wagner, Virginville Grange; Men's Handicap Triple - Jeff Dreibelbis, Virginville Grange; Men's Hi Triple Roll-Off - Oscar Manbeck, Marion Grange; Champion

Team - Nancy and Ralph Kieffer and Sandy and Oscar Manbeck.

Robert Sattazahn, Master of Marion Grange, accepted an award for Open House Class 2 with 100 to 200 members and Leon Kirkhoff, past master of Pomona Grange presented a plaque to Feryl Treichler for being the recent past Master of Berks County Pomona Grange.

Non-member Community Citizen Award was presented to George M. Meiser IX, of Reading. Meiser has been preserving the history of Reading and Berks County and is presently working towards a research project to record the history of Berks County's smaller communities.

Entertainment was provided by the Dreibelbis Brothers, Virginville Grange and Pomona Master, Ernest Miller made the closing remarks.

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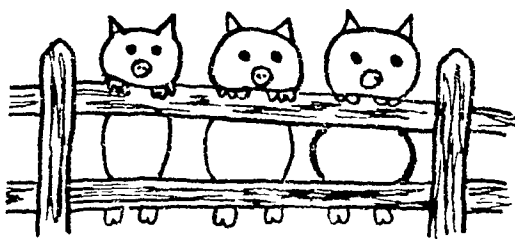
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C42 & 43

Hartle is Grasslander

(Continued from Page A1)
kept in grass to supply hay for dry cows.

Along with having limestone soils, the Hartles' farm is located downwind from a limestone quarry. Over the years, the cropland has always tested out with a high pH. The Hartles rely on soil tests for guidance on fertilizer application for establishment and main-

tenance, adhering religiously to the recommendations.

When preparing a seedbed for hayland planting, Hartles still plow and till the land, with the seeding done with a cultipacker seeder. Most of the seeding is done in the early spring which allows at least two cuttings to be taken off the first year.

With their fertilization and

herbicide program, the Hartles are able to hold their hayland stands for about five years, following it with three years of corn and a year of small grain. While weevils have not been a problem in recent years, leafhopper control gets special attention with Furadan and Cygon.

About half the hay-crop tonnage is wilted to medium to low moisture levels and stored in a sealed silo. The remainder of the hay crop is baled, field cured, with a chemical preservative applied whenever needed.

Hartle's plots entered in the Alfalfa Growers Program in 1977 through 1979 produced an average of 60 tons hay equivalent, 2199 crude protein, and 6568 TDN.

The efficiency and profitability of Hartle's farming operation culminate in the productivity of his Holstein herd. The September twelve-month rolling average on 67 cows was 20,653 pounds milk and 801 pounds fat with a return-over-feed costs of \$1920.

In their feeding program, the milking herd is encouraged to eat lots of forage by feeding it a number of

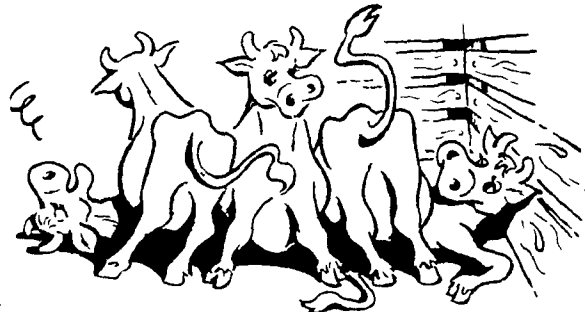


Honorable mentions in the Decade Program went to Harold Gayman, Gaymere Farms, Waynesboro, Franklin Co., left, William England, Williamsburg, Blair Co., and Hershey Bare, Lebanon, Lebanon Co. Reserve Grasslander of the Decade was Summit Farms, Rockton, Clearfield, Co., represented by Ross Orner, Jr. and Russell Orner.

The Hartles are active in their community and are involved in the local 4-H clubs, Grange, Holstein Association, DHIA, Extension Executive Committee, and a newly organized farmer-owned-and-directed agronomic consulting service. The family farm has been the recipient of many awards, including 1973 Pennsylvania Granger of the Year, 1977 County Conservation Cooperator, and 1980 Master Farmer.

The Reserve Grasslander of the Decade goes to Summit Farms, Clearfield County. This is a partnership farm operation involving three brothers and their four sons. They were winners of the Pa. Forage and Grassland Awards in 1979.

Honorable Mention Grasslanders of the Decade include I. Hershey Bare, Lebanon County, William R. England, Blair County, Harold C. Gayman, Franklin County, and John Tautin, Sr., Crawford County.



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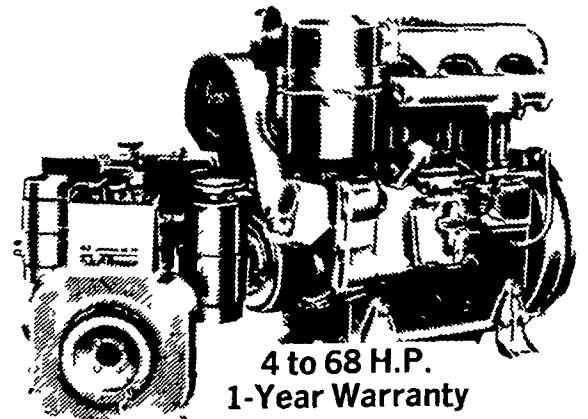
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Daland Farms is 1980 Alfalfa Growers champion

HERSHEY — Harold and Norman Davis, R2 Huntingdon, were recognized as the 1980 Alfalfa Growers champions during the 20th Anniversary Conference of the Pennsylvania Forage and Grassland Council, held here on Monday and Tuesday.

The Davis brothers operate as partners on their farms in the western part of the state, going by the name Daland Farms.

This is only the second year they entered the competitive Alfalfa Growing Program, and took the championship with a yield of 8.6 tons hay equivalent for an acre of alfalfa. The crude protein analysis for the stand was 3410, with a Total Digestible Nutrient value of 9765.

According to Harold Davis, the plot entered in the program was a May 1, 1978 seeding of Apollo alfalfa. "We disked the field to get it ready for planting. The field got too wet after we seeded it, so we got essentially no weed control. As a result, we had volunteer corn in our alfalfa stand."

"That year, we windrowed the first and only cutting and put it in the silo. The stand straightened itself out last year and we got three cuttings off. And this year it did

okay, giving us four cuttings."

Davis pointed out his area of the county was not hurt by lack of rainfall this past summer. His records revealed 5 inches fell in May, 4½ inches fell in June, 2½ inches fell in July, and August had 5 inches of rain. But, he stated, some of that rainfall came during thunderstorms where 1½ inches of rain fell in an hour.

Daland Farms' 125 acres of alfalfa is grown on predominantly Hagerstown or other limestone base soils, Davis said. Their herd of 92 registered Holsteins' DHI record stands at 18,650 pounds milk and 715 pounds fat.

"Along with the alfalfa that Davis explained is wilted down and put up as haylage, they round bale about 20 acres of hay on fields he called "too steep." They also raise 300 acres of corn.

Said Davis, this year's championship can be attributed to paying attention to all the fine details, like soil testing and fertilizing.

The reserve championship in the Alfalfa Growing Program went to the Milton Hershey School Farms, located here. Their acre of alfalfa was on August, 1978 seeding of WL 311. Its 1980 yield was 8.1 tons hay

equivalent, with 3024 crude protein and 9027 TDN.

In their fifth year of competition, this is the second time MHS Farms has taken the reserve championship.

According to Alfred Dugan, the reason the school enters the program is "to see just what we can get off an acre of ground as far as quantity, quality, the cost of production and the net return." He pointed out the TDN information is then used in formulating rations for their 750 grade Holsteins.

The cost to enter the competition is \$50, Dugan explained. But the expense and the extra time taken to collect six samples at the time of each cutting allows the school to have a scientific yardstick to measure their hay production.

Dugan recalled their plot was established in a field consisting of Berks shale soils - not a limestone base soil. "I knew what our limestone soils could produce - I wanted to see just how much our shale could grow."

He noted the stand was cut when the alfalfa was in the full bud stage, with the exception of the fourth cutting which did reach 3/4 to full bloom.

"We cut the hay every 30 days religiously," Dugan remarked. "If we would have had more rain, we would have done better. But, between the first and second cutting, we had only 3.15 inches of rain; between the second and third cutting, we had 3.3 inches; and between the third and fourth cutting, we had 2.55 inches."

Despite the unfavorable weather conditions, MHS Farms was able to tie up the reserve championship in this contest, along with the championship for their



Other forage producers recognized for their outstanding programs are, from left, Alfred Dugan of the Milton Hershey School Farms, Hershey, second place; Paul Dotterer, Mill Hall, third place; Jesse Balmer, Lancaster, fourth place; and Frank Reist, Lebanon, fifth place. Presenting the awards is John Baylor, Penn State Extension Agronomist.

haylage at Ag Progress Days.

In third place in the Alfalfa Growing Program was Paul Dotterer, R2 Mill Hall, Clinton County. From a pure stand of WL 311, Dotterer harvested 8.2 tons hay equivalent with 2854 crude protein and 8694 TDN.

Dotterer explained his is a strictly no-till operation. His test plot was seeded in 1979, and was selected for fourth place in the program last year.

The Clinton County farmer works 950 acres of land with 350 acres of pure stand alfalfa, all of which is put in the silo, he said. Dotterer attributes some of his success in raising alfalfa to following the soil analysis of Brookside Laboratories, Atglen.

"We don't shoot for the

top, just for the most cost effective," he said.

Lancaster County dairyman Jesse Balmer took fourth place in the competition with an alfalfa-orchardgrass mixture.

The plot, seeded in March, 1979 with 18 pounds of Apollo alfalfa and 4 pounds of Pennlate orchardgrass per acre, yielded 7.8 tons hay equivalent this year, with 2593 crude protein and 8643 TDN.

In its establishment, Balmer fell back on an old conventional method of weed control - sowing the forage crop with a companion crop of oats.

Balmer, the father of Lancaster County's 1980 Dairy Princess, Connie Balmer, milks a herd of 80 Guernseys. His feeding program includes haylage,

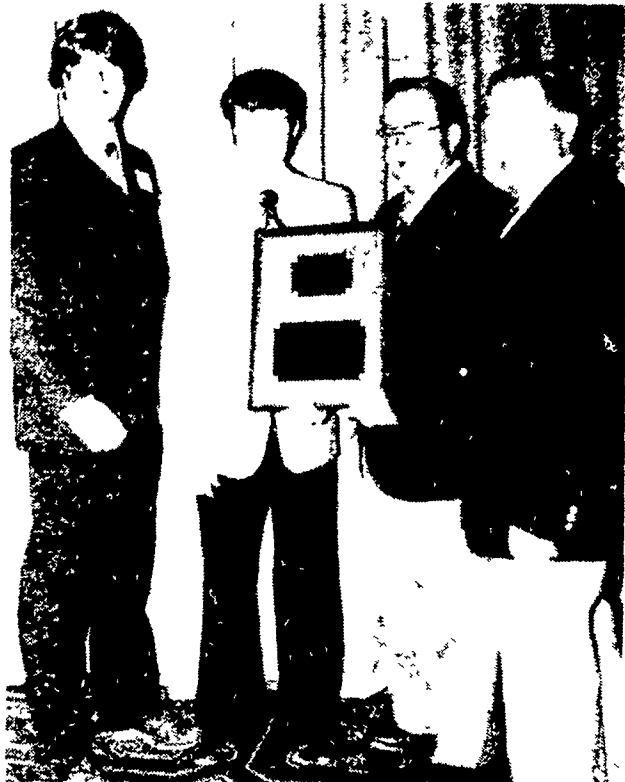
corn silage and high moisture corn.

Fifth place in the program went to Frank and Carl Reist of Lebanon County. Their partnership, Ferndale Farms, is operated by four brothers, Frank, Carl, Donald and Gary.

Their 1979 seeding of Pioneer 531 yielded 7.4 tons hay equivalent, with 2865 crude protein and 8237 TDN. This year, the stand produced five cutting, said Frank.

The Reists filled their silo and made about 5000 bales on 125 acres of alfalfa. They farm an additional 300 acres in South Lebanon Township.

Their herd of 90 registered Holsteins have an average record of 16,100 pounds milk and 615 pounds fat, black and white evidence to the Reist's forage quality as well as quantity.



Harold Davis, second from left, of Huntingdon, accepts the award for 1980 Alfalfa Grower during ceremonies at the 20th Anniversary Forage Conference on Monday. Also pictured, from left, are David Kauffman, Huntingdon Co. Assistant Extension Agent; Harold Kockhaff, Huntingdon County Agent; and John Baylor, Extension Agronomist.

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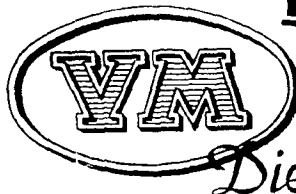
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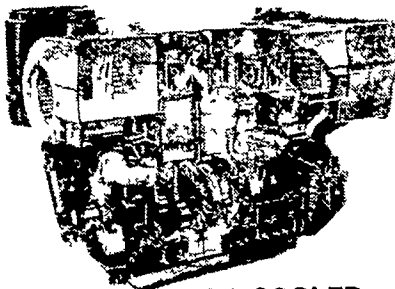


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Frey bull is reserve grand at Louisville

LOUISVILLE, Ky. — Fred C. Frey & Sons, Quarryville, exhibited the reserve grand champion Angus bull of the 1981 National Angus Show, held here November 17-18 in conjunction with the North American International Livestock Exposition.

Judge Jake White, of Panama, Oklahoma, tagged Continental as Reserve Senior Champion before awarding him the reserve grand champion banner. The bull is co-owned with Continental Associates, Phelps, New York.

After evaluating 65 bulls, White declared Sir Wms Warrant Senior and Grand Champion. Warrant, last year's national intermediate champ, is owned by Quirk Land & Cattle Co., Hastings, Nebraska, and Lovana Farms Inc., Clarksville, Georgia.

R&J Duchess 1239, Junior Champion, captured the top female title. She's owned by a syndicate composed of R&J Ranch, Briggs, Texas; Gallagher's Angus Farm, Ghent, New York; Empire Angus, Pleasant Hill, Missouri; and Picket Fence Farm, Grayslake, Illinois.

Reserve grand female was Kendall First Lady, the reserve junior winner owned by Mr. and Mrs. Sayre

MacLeod of Sayre Farms, Phelps, New York; and Deep Down Ranch of Paluxy, Texas.

Sayre Patriot sired the winning get and junior get-of-sire groups entered by Mr. and Mrs. Sayre MacLeod; Patriot International, Tuttle, Oklahoma; and Hijos De Jose Firpo, S.R.L.

R&J Ranch put together the best six head, all embryo transplant calves out of one cow, Albern Duchess 573.

Rosebank Connection 69 earned the junior bull championship for Rally Farms, Millbrook, New York; Rosebank Angus Farm, Georgetown, New York; and Timber Valley Farms, Dawn, Missouri. Reserve junior honors went to Summitcrest Puritan, exhibited by Briarwood Associates, West Bend, Wisconsin, and Summitcrest Farms, Summitville, Ohio.

Mr. and Mrs. W.B. Henley of Paso Robles, California, and Weaver Angus Farm of Peoria, Illinois, won the intermediate champion bull trophy with Creston Mr. America.

Skarship Farm, Hillsdale, New York, claimed the reserve intermediate bull spot with Skarship Educator and took senior bull calf

honors with Skarship Primemover.

Darle Dawes & Family, Urbana, Indiana, picked up the reserve senior calf ribbon with DD Black Stud 929.

7S High Caliber 037 topped the junior bull calf division for Darrell and Mike Sundsbak, Des Lacs, North Dakota.

ERA Black Coupon 001 moved into reserve for Earle Rugler, LaPorte, Indiana, and Robert Zeedyk, New Carlisle, Indiana.

In female competition, Leland J. Boggs, Claverak, New York, exhibited Sir Williams Patricia 982 to the intermediate championship.

Clover Hills Royal Lady stepped into the reserve

intermediate spot for Kevin Swain and family of Marshall, Indiana, and Premier Angus Inc., Cloverdale, Indiana.

Pride Easton M 673 earned the senior calf trophy for Mott Cattle Co., Maher, Colorado, while Briarhill Joan took reserve honors for a group made up of Briarwood Angus Farm, Butler,

Missouri; Briarhill Angus Farm, Union Springs, Alabama; Lovana Farms; and Picket Fence Farms, Grayslake, Illinois.

Gallagher's Angus and Sayre Farms topped the junior heifer calf competition with Patriots Jestress Gal 160F, and R&J Ranch stood in reserve with R&J Duchess 740.

N.Y. youth has champ heifer at NAILE

LOUISVILLE, Ky. — Young Angus exhibitors brought 85 heifers here recently to compete in the North American International Livestock Exposition Junior heifer show. Randy Cates, Modoc, Indiana, picked the champions.

Leland J. Boggs, 15, of Claverak, New York, claimed the championship with Sir Williams Patricia 982, winner of the early summer yearling class.

Nine-year-old Christine Boitnott, Carlock, Illinois, won reserve champion honors on HA Miss Erica, blue ribbon winner of the March junior yearling competition.

Bruce L. Haas, LeRoy, Illinois, topped the early junior yearling class with

HA Miss Elra. Herb Lou Miss Patriot 07 won first in the April junior yearling class for Sharon Diuble, Ann Arbor, Michigan.

Todd Dawes, Urbana, Indiana, took the blue ribbon in the late summer yearling

competition with DD Miss Black Anchor 749 and won the early senior calf division with DD Miss Super Lady 939.

Linda Day, Paint Lick, Kentucky, exhibited

Devotion Bradley B729 to first place in the late senior calf class, and D'Nece Foster of Niles, Michigan, topped the junior calf competition with Eguenics First Lady.

Angus breeders elect new president

Pingrey, retiring president from Benton, Mississippi.

Woolever has been in the Angus business all his life. He took over his father's herd in 1945. His Greencrest Farms at Unionville is well known throughout breeding circles.

Woolever has been active as an Angus leader for many years, having served as president of the Missouri Angus Association, the Northeast Missouri Angus Association and the Sheridan Valley Angus Association. Woolever was elected to the board of directors of the American Angus Association in 1975.

Charles Cannon was selected as the Association's new vice president. He is a partner in Stone Gate Farms, a registered Angus cattle operation near Flemingsburg, Kentucky. He was elected to the board of directors of the American Angus Association in 1974.

Born in Mt. Sterling, Kentucky, he attended Fleming County High School and Morehead State University and started in the Angus business in 1952 with a 4-H Angus heifer project. He is a pioneer in performance testing of beef cattle, having started working in the Stone Gate Angus herd in 1958.

Active in state and local

beef cattle activities, he is a past president of the Kentucky Angus Association, as well as a number of other local livestock groups. In 1968 he was elected Kentucky Cattleman of the Year.

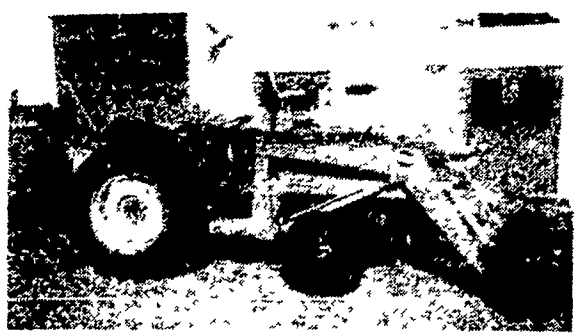
Joe Neely, the newly-elected member of the board of directors from Franklin, Kentucky, purchased his first cow with a heifer calf at side as a 4-H club project.

He and his brother Ben run a 125-head cow herd and a farming operation that has been in the family since 1810. He is a graduate of Western Kentucky University, and has been active in many local and state Angus and beef cattle organizations.

Re-elected to their second full three year terms of office were Bill Bedingfield, Wil Mar Angus, Oilton, Oklahoma; William G. Conley, manager of Gibbet Hill Farm, Groton, Massachusetts; A.F. Flint, Rafter F Bar Ranch, Bard, New Mexico; and Henry Gardner, Gardner Angus Ranch, Ashland, Kansas. Five members are elected to the 15-person Angus board each year.



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NH 880 2 row narrow row head	~~\$3,650.00~~	\$3,300.00
NH 717	~~1,175.00~~	1,050.00
Fox 1000 RPM PTO w/2 row corn hd Pk up attach	~~1,495.00~~	1,350.00

USED PLANTER SPECIALS

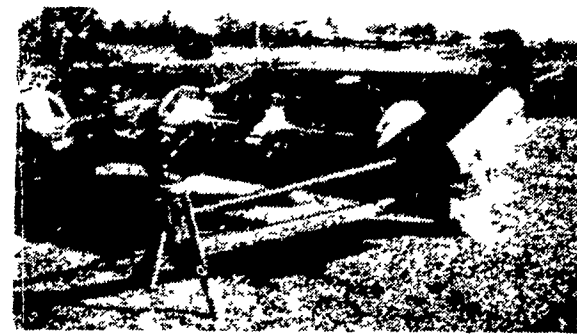
JD 8948 Row 30" A 1 Shape	~~\$2,350.00~~	\$2,350.00
John Deere 494	~~850.00~~	770.00
Oliver 4-row Plate	~~1,250.00~~	1,125.00
IH 455 4-Row	~~1,050.00~~	950.00

USED BALER SPECIALS

JD 24T w/#2 ejector	~~\$1,650.00~~	\$1,475.00
JD 24T w/#2 thrower	~~1,650.00~~	1,395.00
AC 444	~~850.00~~	775.00
John Deere 14T	~~750.00~~	675.00
John Deere 14T w/ejector	~~450.00~~	400.00
NH 270 w/thrower	~~1,950.00~~	1,750.00
Ford 530 w/thrower	~~1,850.00~~	1,850.00

USED COMBINE SPECIALS

JD 55 Diesel w/cab, 12' Platform	~~\$7,500.00~~	\$6,750.00
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IHC w/10' Platform	~~1,175.00~~	1,175.00



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Bush Hog 10 Disc	~~1,175.00~~	1,050.00
Oliver Disc Harrow	~~950.00~~	850.00
Ford 4 16" Plow	~~875.00~~	750.00
JD KBA 32x18 Wheel Carrier Disc	~~350.00~~	325.00
Brillion 10' Double Packer	~~350.00~~	325.00

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John Deere 148 Loader	~~\$2,200.00~~	\$1,975.00
John Deere #58 Loader A 1 Shape	~~1,800.00~~	1,600.00
New Set 18 4x30 Snap on Duals w/New Goodyear 6 Ply Tires	~~1,050.00~~	945.00
Used NH #8 Crop carrier	~~1,150.00~~	1,025.00
John Deere 24 Skid Steer Loader	~~3,950.00~~	3,950.00
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Guernsey tops Lancaster County DHIA

BY DICK ANGLESTEIN
LITTLE BRITAIN — Don't look now but there's a Guernsey leading the Lancaster County DHIA list for October.

Riding high and all alone at the top of the heap is Fre-Lyn Kellogg's Prince Sue, a five-year-old that produced 23,993 pounds of milk and 1085 pounds of butterfat at 45 test in her 305-day lactation.

She's owned by Fred and Evelyn Crider, of Fre-Lyn Farm, which is nestled in the extreme southeastern corner of Lancaster County.

Top producer in their Guernsey herd of about 60 milkers, Sue appears destined for even bigger and better things.

One of her bull calves, Samson, is now being proven at Sire Power.

The rangy Guernsey with the hearty appetite is dry now and due to calve in January. If it's another bull, which is her track record so far, two studs are already

interested. She's been bred to Deacon.

"If everything goes well, we're thinking of flushing her next year and trying some embryo transplants," Crider said.

"But right now, it's just a good feeling having a cow like her in the herd. She makes milking a lot more fun."

Sue's 365-day production record stands at 26,717 pounds of milk and 1211 pounds of fat.

Last year as a four-year-old, she produced 20,032 pounds of milk and 837 pounds of fat at 42 test.

That record was achieved despite one month's test which came back at 18 — sandwiched between a 48 and a 46.

In her present lactation she peaked at just more than 100 pounds a day and averaged more than 90 pounds during her first four months.

Sue is out of a dam that was one of the few cows to be

brought into Fre-Lyn's home-grown herd. Her dam was bought seven years ago as a 4-H calf when Paul Brenneman, of Refton, had sale. The dam was a 14-16,000 producer. Sue's two half sisters were in the 16,000 range, too.

The Crider operation is the story of a switch from Holsteins and the continuing development of a successful Guernsey herd on a farm well known in Lancaster County.

"I was born and raised with Holsteins in Franklin County," Crider said.

"Then, the Korean War came along and we had to sell out when I went to the service."

"Afterward, I worked for six years at the Masonic Homes in Elizabethtown. Sixteen years ago I came here and first worked on a percentage basis with Arthur Brown."

"Mr. Brown was 74 when I came here, but kept very good records. I was quickly

impressed with the Guernseys' profit rate over feed."

The Criders first acquired the cattle and machinery and about eight years ago bought the farm.

Four Holsteins also are kept on the Fre-Lyn farm.

"It's kind of a continuing experiment so that we can make comparisons," Crider explained.

Last year, the Holsteins, all first calf heifers, averaged 16,000 pounds. The Guernseys averaged 14,000 pounds.

But the two groups were within \$10 of each other in terms of profit over feed costs.

One of Crider's goals is to have cows that hold on more in their lactations.

"I believe one of the keys to getting milk is to keep that production curve straighter and not have the wide fluctuations," he said.

"This is one of the things to breed for."

The 150-acre farm also contains a 60,000 pullet operation.

(Turn to Page A23)



Fred Crider, of Little Britain, stands with his top producer, Sue, which led the Lancaster County DHIA in October.



Part of dairy herd provides appropriate backdrop for Fre-Lyn farm sign, of Fred and Evelyn Crider.

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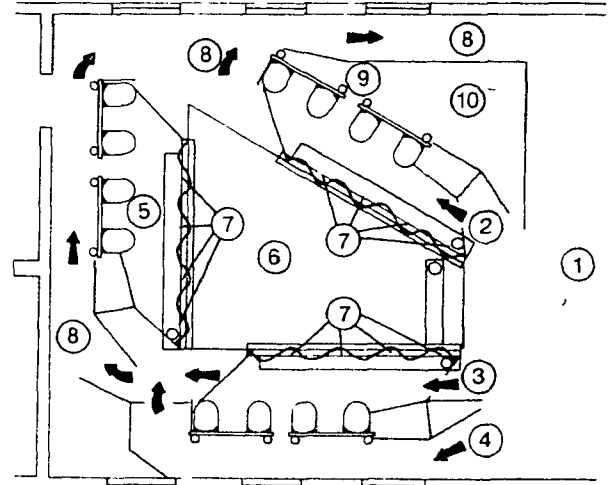
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smooth and easy. Operator is in 30' deep milking area (6) and he milks cows by moving in a circular pattern around parlor. Udder stimulators (7) can be used to prepare cows. The operator attaches the milker unit. When cow has been milked the milker unit can be removed by automated take off units or manually. The cows leave the parlor in the return lane (8). Power operated cutting gates (9) can be used to divert rows that need treatment into a catch pen (10).

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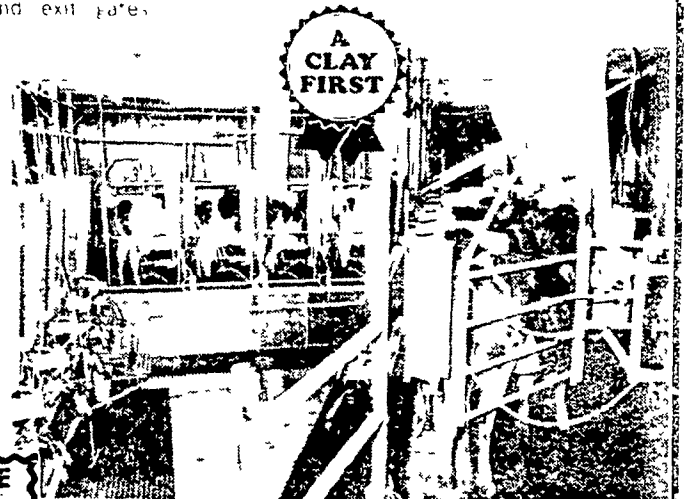
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Clair Brenneman, dairyman, discusses with Bill Horst the possibilities of spreading sludge on pastureland. The Pequea Township farmer milks

60 Holstein cows and raises their feed on his 225-acre farm. Clair is the tenth generation of Brennemans to farm what's left of the original 1000-



acre tract, farmed in 1717 by Melchior Brenneman. The barn was constructed by Martin Brenneman in 1806.

Lancaster farmers enthused about sludge

LANCASTER — Two Lancaster County farmers who have jumped into the City's sludge program are Clair Brenneman, Danville Pike, and Franklin Myers, Long Lane.

Clair Brenneman claims to be one of the first farmers in Lancaster County to use sludge, having had it hauled onto his farm by truckload during the 1950's.

"I remember at that time they used to charge \$1 a load," he recalled. "That first year I got 60 to 70 loads of the sludge, and I've been using it on and off over the years ever since then."

Brenneman is quite enthusiastic as he lists the benefits of using sludge.

"Sludge is a byproduct of the City that's a valuable fertilizer for me. It's im-

portant that we recycle this waste rather than throwing it away.

"I grow 100 acres of corn a year — 40 acres goes in the silo. Of these 40 acres, only 10 are planted to winter grain, leaving 30 acres open. Spreading sludge on these fields helps to provide a cover and prevents erosion.

"And, I can't overlook the fertilizer value in the sludge.

With fertilizer costing between \$6000 and \$7000 a year, I'll do anything to minimize my expenses."

Brenneman pointed out most Lancaster County soils are low in organic matter due to the method of farming in the area.

"Everything comes off the field and is run through the barn. But when you haul it back to the fields in the form

of livestock manure, its been condensed. By spreading sludge on the fields, we're putting some humus back in our soils.

"Soils are like bank accounts — if you don't put anything into them, you can't expect to keep drawing something out."

Brenneman noted the only bad experience he has had in the many years he has been applying sludge to his land was with neighbor complaints on odor. As a solution to the problem, Brenneman said he now applies 100 tons of lime over the sludge to eliminate odor until the sludge is knifed into the soil.

Two and a half years ago, USDA conducted a study on

the Brenneman farm to evaluate the effects of long-term sludge application. Happily, Brenneman reported USDA found no heavy metal buildup or anything else that would be detrimental to his fields.

The Pequea Township dairyman proclaimed sludge to be "economical — it can't be beat for fertilizer."

Franklin Myers, Long Lane, has been using sludge on his 200-acre farm for the past five years. He, too, believes sludge can save on fertilizer costs.

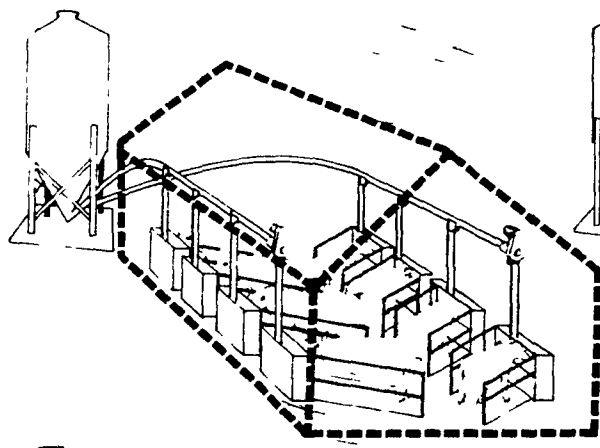
In previous year, Myers said he tried sludge on no-till fields. Unfortunately, the sludge tended to crust and

(Turn to Page A24)

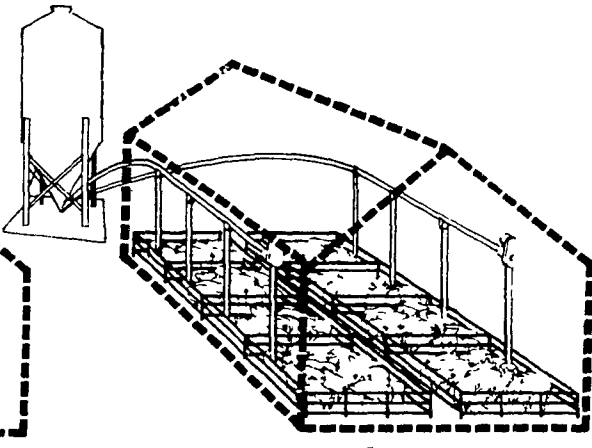
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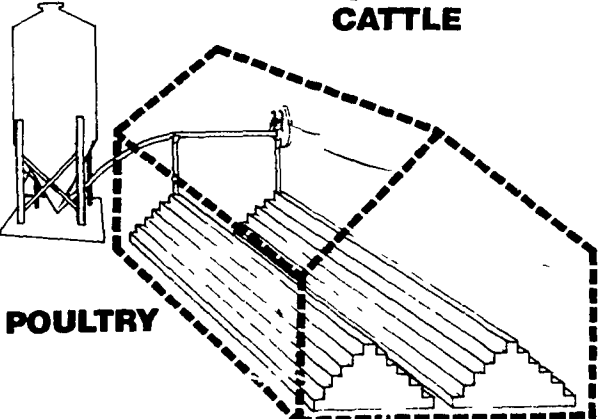
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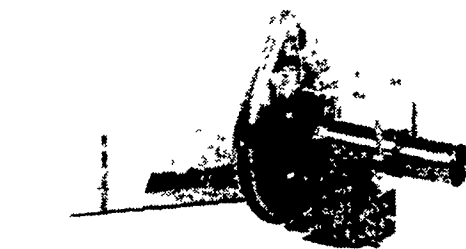
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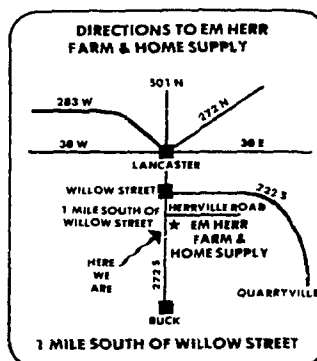
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Guernsey tops

(Continued from Page A22)

The Criders have four children: Eldest son, Allan, 24, is a psychology graduate of Tennessee Temple. Diane, 23, is on the staff of Liberty Baptist College, Lynchburg, Va. Debbie, 22, is a pre-med graduate of Houghton College, New York State, and has been accepted at the Pennsylvania School of

Podiatry. Ricky, 21, is a junior at Liberty Baptist, majoring in business.

Attention, after the holidays, will be centered on Sue's next calf.

Then, she's due to be reclassified in February. Last year, she was classified only a week after freshening at 89, just one point from excellent.



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Sewage sludge is recyclable resource

BY SHEILA MILLER

LANCASTER — A growing number of farmers throughout Pennsylvania and neighboring states are cashing in on a good idea — working with municipalities in a symbiotic sludge disposal program.

Applying sewage sludge to farmland is not a new idea, though. In fact, it's been a common practice since the 1950's.

But recently, with the cost of chemical fertilizers skyrocketing and the push by environmentalists for recycling wastes, farmers and municipalities have learned they can benefit one another. Farmers have found sludge is a beneficial supplement to their fertilizer program. And, municipalities have found a way to dispose of waste they would otherwise have to burn or bury.

One such reciprocal program is being carried out by the City of Lancaster's Bureau of Sewers. Liquid sludge from the city's North Wastewater Treatment Plant and dry sludge from the South Plant are spread on local farms.

According to LaRue Van Zile, supervisor of sewage operations, liquid sludge has been disposed of on Lancaster County farmland since the 1950's. The dry sludge, he said, is relatively new — and has only been applied this past summer.

Van Zile explained that liquid sludge consists of 96½ percent water and 3½ percent solids. The dry sludge, on the other hand, is 35 to 40 percent solids. In one year's time, he said, the City of Lancaster's treatment plants generate 3000 wet tons of sludge each year.

At the City's North Plant, the liquid sludge is processed in anaerobic digestors. The sludge is transported from the plant to the farms in the two 5000-gallon tractor-trailer tank trucks. From the tankers, the sludge is transferred into a Big Wheel sludge applicator, a 1500

gallon tank truck with high flotation tires. The sludge is then either sprayed on the surface of cropland or injected.

Van Zile commented the sludge from the North Plant is a "good quality sludge" with a fertilizer analysis of about 128 pounds of nitrogen, 280 pounds of phosphorus, and 25 pounds of potassium after the maximum annual amount is applied to an acre of cropland. He noted the maximum lifetime rate is 3.45 dry tons per acre with the limiting factor being the amount of nitrogen.

The limiting factor on application rates for sludge from the South Plant is the heavy metals, especially cadmium and zinc. Van Zile expressed hopes that by 1983, the City's industry would be in compliance with the Environmental Protection Agency's ruling to clean the metals from their waste by pretreating. He noted the primary source for the heavy metals was the metal platers at printing plants.

Although 15 percent of the sludge at the South Plant is handled as a liquid, most of it is filter cake sludge. This sludge has been processed by the Zimpro heat treat-



William Horst, chief operator of the Lancaster South Wastewater Treatment Plant, discusses the farmland sludge application program with LaRue Van Zile, supervisor of sewage operations for the City of Lancaster.

ment method which destroys bacteria and viruses, and changes cell structure, noted Van Zile. A vacuum stabilizes the organic matter (Turn to Page A26)



Franklin Myers, who raises beef cattle and cash crops, looks over his short season barley with Horst where sludge was applied prior to planting in July.

Lancaster farmers

(Continued from Page A23)

the layer would not disintegrate with disking.

Myers said he is happier with the sludge now that he is chiseling his fields rather than no-tilling. However, he said there are still problems of getting the sludge on at the right time.

"I've applied sludge in the early spring, but that's not too good a time since scheduling is tight. Any delays in preparing the fields means a delay in planting. "Summer and fall seem to be the best times to go with sludge."

Waiting until later in the season also cuts down on the chances of soil compaction since the ground isn't as wet, added Myers.

One of his main concerns about sludge application, Myers said, is the heavy metal content, but he quickly added the state regulatory agencies monitor the sludge quite closely.

Myers said he applies the sludge on fields the fur-

thest distance from his barn, and only on those fields scheduled for corn or small grains. Myers recalled one year he burned a hay field of Reed canarygrass by applying sludge, and said he wouldn't recommend applying it to hayland.

This year he spread the sludge on 10 acres of barley stubble in July and planted barley on September 15 without applying any other fertilizer. The sludge was chiseled in the day after it was spread, said Myers, pointing to the healthy, green color of the young barley plants.

Next spring, Myers said he will apply 30 pounds of nitrogen and will harvest his short season barley and double crop a 90-day corn for ensilage.

When using sludge in an operation, Myers cautioned farmers to use common sense and leave a buffer zone around populated areas to avoid complaints.

In my opinion, I don't

think the smell of sludge is more psychologically bad as liquid poultry manure. But, people get it's sludge.-SM

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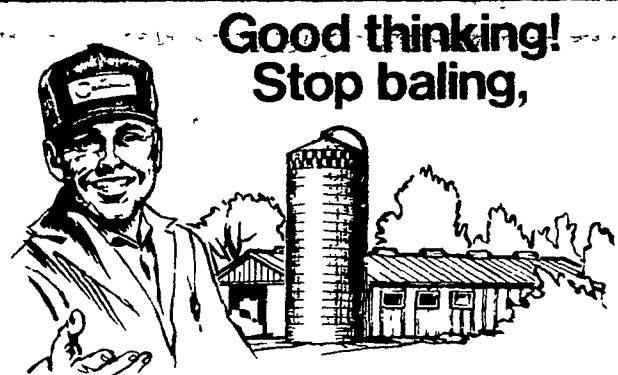
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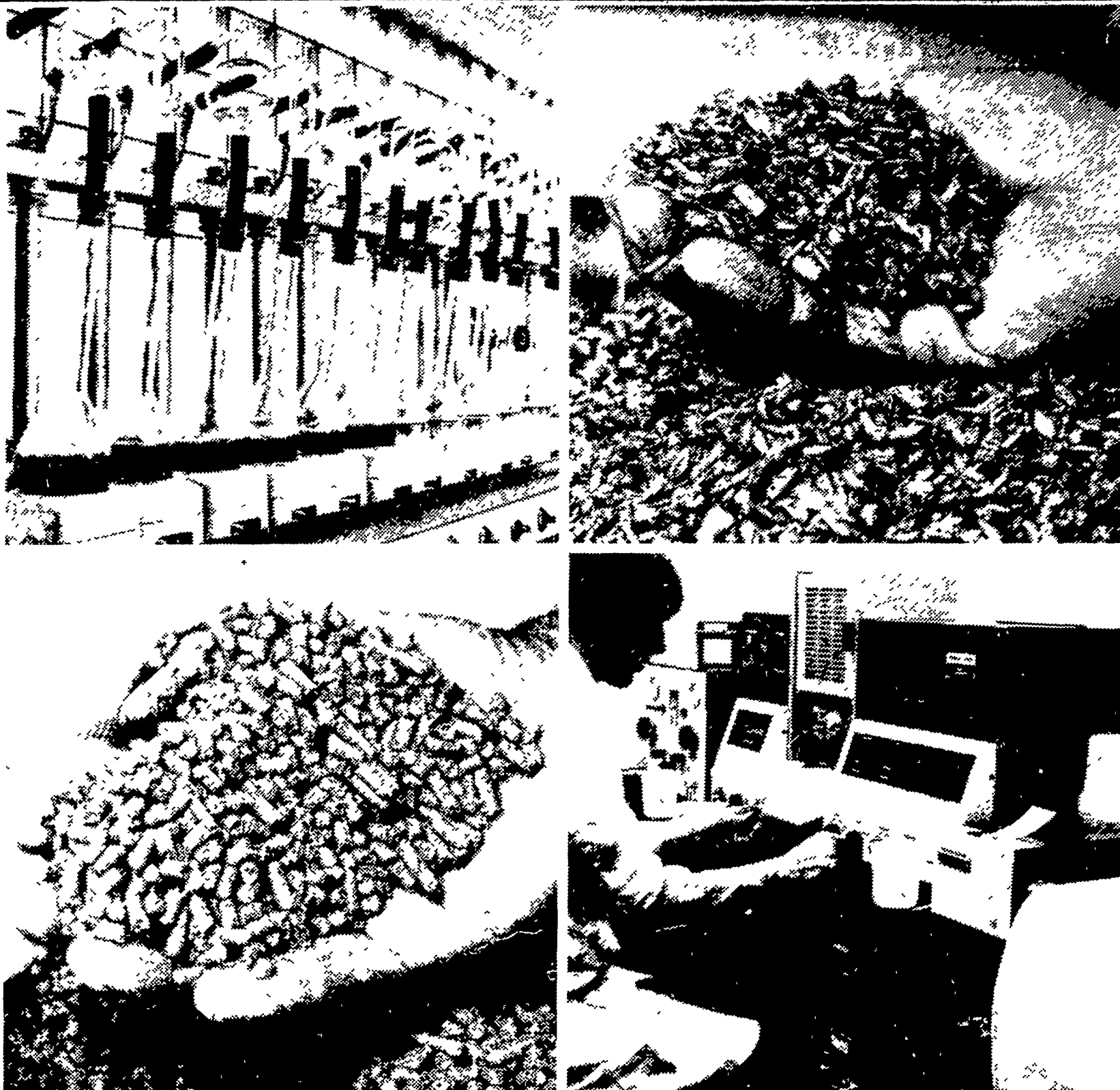
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Sewage sludge

(Continued from Page A24)

removes 40 percent of the water and what's left is the "dry" sludge.

This filter cake sludge is then hauled to farms in dump trucks and spread with a Big A dry sludge applicator, a truck with a box spreader and high flotation tires.

Analysis of the South Plant filter cake sludge has shown approximately 45 pounds of nitrogen, 88 pounds of phosphorus, and 9 pounds of potassium are applied to each acre when the maximum annual rate has been reached.

The City of Lancaster's Bureau of Sewers has been working with Penn State's Ray Shipp in coordinating the sludge program to the soil limits on the Lancaster County farms since 1974, said Van Zile.

"We try to take soil tests on all application sites before any sludge is spread so we have background information for comparing future tests.

"Our sludge samples are taken twice a year and tested in our own laboratory. We check the heavy metal

content in the sludge every two to three months.

We soil test the cropland where sludge has been applied after 30 dry tons have been spread."

In order to dispose of their annual sludge production the Lancaster plants need about 600 acres of cropland to spread on year-round. Although their current agreements with farmers Clair Brenneman, Franklin Myers, Henry Herr and Harry Byers provides for over 600 acres of application sites, Van Zile pointed out he is always looking for more farms.

During summer months when crops prevent sludge from being spread, the Bureau of Sewers still has to get rid of its sludge. So, they pay farmers \$25 an acre for not growing a crop on the acres needed to carry them from June to September, Van Zile explained. A new plant, scheduled for completion sometime in the next five years, will provide more strong capacity, he added.

Van Zile emphasized his bureau tries to cooperate with both the Lancaster County farmers and the

WASHINGTON, D.C. — U.S. consumption of commercial fertilizer for the year ended June 30 reached 52.6 million tons. That's up two percent from the 51.5 million tons consumed a year earlier. It also topped the previous high of 51.6

state's environmental agency.

"If the fields are too wet and farmers don't want us on their fields, we won't spread. We don't want to make anyone mad," Van Zile said. "All we ask is that they try to understand when we have trouble with mechanical breakdowns or personnel shortages and the need arises to reschedule the sludge application."

He noted that there is always a need for some land to be lined up in advance for sludge application, adding the necessary permits sometimes take up to a year and a half to be processed by DER.

Interested farmers should contact Bob Bruce at the North Plant, 291-4811, or Bill Horst at the South Plant, 291-4825. The sludge is distributed on a first come first serve basis within a 10-mile radius of each plant.

1980 fertilizer consumption up

million tons consumed in 1976-77.

Primary nutrient content (nitrogen, phosphate and potash) totaled 23.0 million tons, up two percent from last year's previous high.

Nitrogen consumption, at 11.4 million tons, was up six percent from a previous high of 10.7 million tons a year earlier, phosphate usage, at 5.4 million tons, was off four percent from a year earlier and potash use, at 6.2 million tons, was down one percent.

Illinois continued to lead all states in fertilizer consumption, though it was pressed by California.

The Illinois total, at 4.50 million tons, was up seven percent from a year earlier; California's total, at 4.47 million tons, was up eleven percent. Iowa remained the No. 3 fertilizer user with a 3.9

million ton total that was down one percent from a year earlier.

Others in the top 10 include Texas, 2.92 million tons; Indiana, 2.84 million tons; Ohio, 2.37 million tons; Minnesota, 2.31 million tons;

Georgia, 2.17 million tons, Florida, 2.11 million tons and Nebraska, 2.03 million tons.

Those 10 states accounted for 56 percent of the nation's total.



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- With doors CLOSED operates as powerful heating unit.
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- Built-in exhaust damper unit plus twin front mounted draft controls for complete fire control flexibility.
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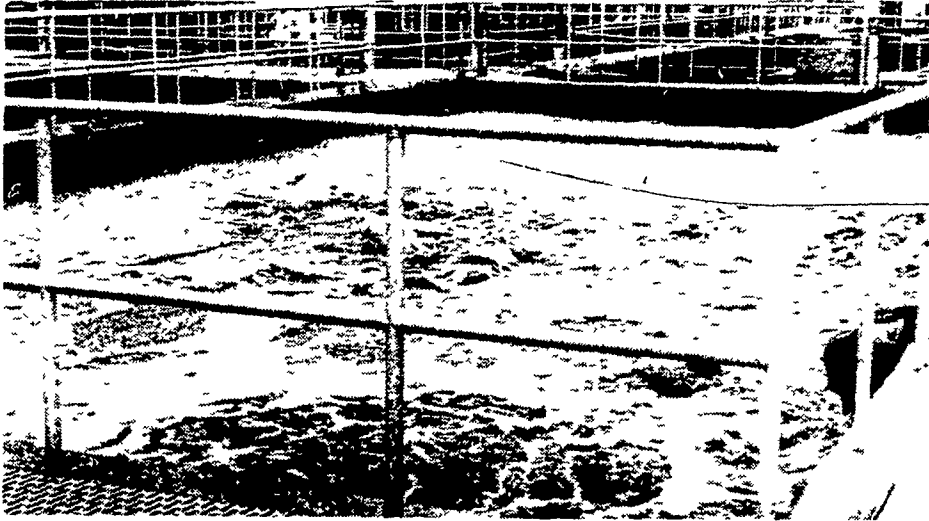
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Middletown sludge program survives ups and down



Sewage from the Borough of Middletown goes through a complex process of clarifying, disinfecting, and separating solids from water. It is mixed and digested until the end result in clean water and sludge.

MIDDLETOWN The sewage sludge program at the Middletown Treatment Plant (Dauphin County) has had its ups and downs in recent months. Early this year, it received some "bad press", according to Paul McCurdy, superintendent.

He explained the sludge had been stockpiled on one of the recipient farms and neighboring residents began complaining about an odor.

McCurdy said he drove by the stockpiles at various times and never noticed any odor.

But, the problem was soon alleviated as the sludge was applied to the cropland and incorporated. McCurdy admitted they've had their share of growing pains — there's a lot to learn about public relations and recycling sludge.

"The sewage that comes into our plant needs to be cleaned up before the water can be discharged into the Susquehanna River," he said. "Cleaning up the water is the easy part — getting rid of the sludge is the difficult part."

Somewhat frustratingly, McCurdy explained "sludge is considered guilty until it's proven innocent through extraction procedure toxicity tests done by consulting engineers."

He noted the sludge coming into the Middletown plant is from over 90 percent domestic sources with only a small contribution from industry. Concerning the possibility of hazardous metals in the sludge, McCurdy stated, "We're way below the allowable limit — it's a remarkably clean sludge."

In Penn State analyses done on the sludge, only two trace elements, zinc and copper, are nearing the maximum level for cropland use. McCurdy said he thinks these two metals are coming from household plumbing. But, he noted, other people have different ideas.

The Middletown Plant, like the Lancaster Plant, runs extensive soil tests on the 1000 acres of cropland where they spread the sludge. After the land receives the lifetime limit of 33 dry tons of sludge (limited by the concentration of copper), the soils are retested to determine the degree of fertility and evidence of any heavy metal buildup.

Distributing sludge to farmers in the area is a relatively new venture for the treatment plant.

We started this program in 1978," McCurdy said, and we're making the transition slowly, doing a lot of studying and monitoring. We're protecting ourselves,

the farmers, the soils and the environment.

"Recycling the sludge this way costs the plant more dollars, but it's a more positive way of handling the waste."

Farmers receiving the sludge are getting a soil conditioner, McCurdy said. It can't be marked a fertilizer because a fertilizer's contents must be guaranteed. "Our sludge has nitrogen and phosphorus and virtually no potassium," he said.

According to the Penn State computer print out on the sludge, it will take 1.1 dry tons of it to supply 100 pounds of phosphorus, and 1.8 tons to supply 100 pounds of nitrogen.

McCurdy pointed out there are a variety of application methods used in spreading the sludge on farmland. "It can be injected or subsoiled in, or it can be spread on the surface and disked in by the farmer within 24 hours."

Since the sludge cannot be spread on frozen ground, the plant has to stockpile it in a place where there is no runoff and where it can't leach into the soil or create an odor. McCurdy said they have made arrangements with Lancaster County dairyman, Christian Becker, to store some of the sludge in his manure holding pond.

McCurdy said he is looking into the possibility of cost-sharing with another farmer to construct an adequate storage facility for sludge and manure over the winter months. One farmer, Clair Nissly, of Londonderry Township, Dauphin County, has expressed an interest in such a plan, he said.

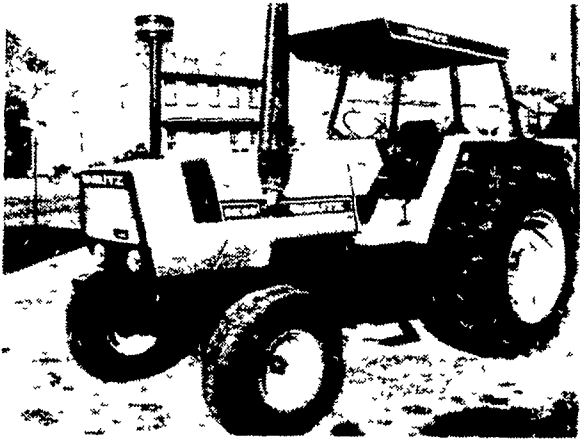
Nissly, who joined the sludge program this past summer, said "It's a little too early to tell if the sludge is beneficial, but the fertilizer potential is there."

During the summer months, the Middletown Plant has made arrangements to spread the sludge on a cooperating farmer's land. "This farmer only plants half his acreage so that we can spread on the other half," he said. "He is a part-time farmer who raises strictly cash crops."

McCurdy concluded by saying land application of sludge is a long-term process. (Turn to Page A30)

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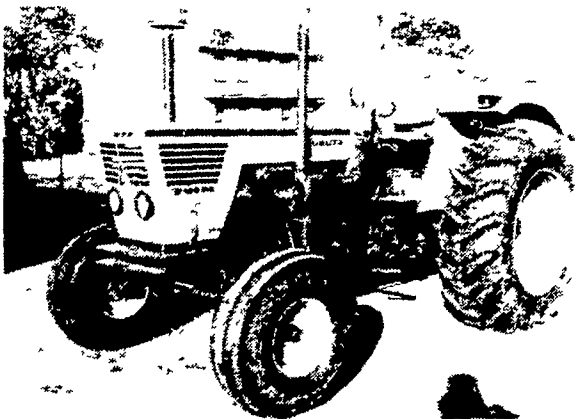


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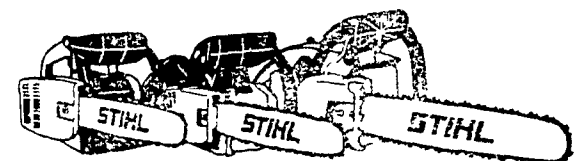


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PFA annual meeting

(Continued from Page A1)

upcoming Pennsylvania milk promotion referendum.

He said the measure "needs some teeth" so an agriculture secretary must follow the 20-representative board's recommendations.

He said it was likely the original voting period slated for February would be delayed until kinks can be ironed out.

Delegates also heard from former U.S. Secretary of Agriculture Earl Butz at the Tuesday evening awards banquet.

In the annual election, incumbent PFA President Eugene Thompson was re-elected to his third term of office.

Eight district director slots had to be filled. All eight incumbents were re-elected, including John Ackerman, Northampton County; Christian Wolff, Columbia County; Richard Barto, Lycoming County; Mrs. Carolyn Rutter, York County; Kenneth Loht, Mifflin County; Theodore Hoover, Cambria County; Jack Waddell, Crawford County; and Boyd Wolff, Westmoreland County.

One new Women's Committee member was appointed Mrs. Nyna Lucas, R2 Belfonte, Centre County, was named to represent District 6.

Throughout the three day meeting, PFA delegates caucused and voted on policy items ranging from farm partnerships to film pornography.

Here's what delegates said:

Dairy resolutions

We recommend that any promotion referendum that is approved be administered by the Pennsylvania Department of Agriculture with an advisory board of farmers, and not provide for farmer ask-outs, and that the referendum provided

funds be used for generic advertising only and under no circumstances be used for brand advertising."

Also in dairy-related measures they said, "We recommend that the milk support program remain at 80 percent of parity. No concessions in percentage of parity be made without a comparable reduction in imports, and CCC purchases remain at five percent or more of production. Parity should be reduced to discourage over-production."

They seek to amend present American Farm Bureau policy to include support for development of a new pricing structure and advertising program for milk which will reflect the nutritional value of the components of milk and an increase in the minimum solids-not-fat standards for milks.

School taxes

They approved a school tax policy.

Delegates recommended "that a combination of locally-levied flat rate earned income tax and property tax for the purpose of school finance be implemented and the rate and proportion be at the discretion of local taxing authorities."

"The provisions of Act 319 and 515 should be continued, and nuisance taxes levied under Act 515 be eliminated," they said.

Land use

PFA wants "The Federal and State Government to show restraint in funding projects (public or private) which will result in the conversion of any prime, unique, or locally important agricultural land to non-agriculturally related uses."

Egg pricing

Egg interests within PFA



Pennsylvania Farmers' Association President Eugene Thompson told members the nation has used democracy to get itself into its current difficulties and needs to use democracy to get itself

out. During his address Thompson cited tax reform and land use planning as key areas for farmer activities.

backed a resolution that "Urner-Barry varied pricing of eggs be replaced by a regional pricing council consisting of egg producers, processors, and buyers in the region."

Water policy

Water rights and streams also were subjects of policy decisions. PFA delegates asked "that PFA support the right of the individual for the use of water in connection with other property rights, including the management of that water for reasonable and beneficial use."

They also recommended PFA oppose the designation of streams, rivers, lakes, and wilderness areas for wild and scenic uses.

Toxic waste

In a lengthy resolution on toxic waste disposal, delegates recommended that PFA not oppose proper sites for disposal of toxic waste when the sites are approved by DER and Agriculture Department representatives and receive all needed permits.

They asked that state-owned land be considered for



Members of the Lancaster County delegation to the PFA convention this week included, from right, Elvin Brenneman, Amos Funk, Jim Hess, Jim Groff, and County President Earl Newcomer seated behind.

waste disposal before private property, and that top priority be given to developing safer methods of toxic waste disposal.

Biggs wins PFA service award

HERSHEY — The Pennsylvania Farmers' Association presents its Distinguished Service Award Tuesday evening to a former leader, Gerald A. Biggs of Fulton County who served as PFA president for 16 years.

Biggs served as PFA president from 1953 to 1969. Under his leadership PFA grew from a fledgling

organization to over 10,000 members strong. He oversaw the start of many PFA member services including the Farm Management and Business Analysis Service, the Insurance Service, the Pennsylvania Agricultural Cooperative Marketing Association and the Safemark Supply Company. He also encouraged vigorous

county farmers' association programs.

In addition to honoring Biggs, PFA county units were cited during the awards banquet for outstanding achievements in PFA program areas. All Star awards were presented for seven categories: membership, advisory councils, women's activities, public affairs, services,

information and public relations, and agricultural marketing activities.

The Berks County Farmers' Association led by president John Kooker, Jr. of Blandon was the only county to receive an All-Star award for every program. Three county associations — Dauphin, Lancaster and Union — received six All Star awards.

Butz tells PFA members agriculture needs incentives

HERSHEY — Former U.S. Agriculture Secretary Earl Butz told leaders of the Pennsylvania Farmers' Association that the world's number one problem is how to feed 75 percent more people in the next 25 years.

Butz, who served as U.S. Secretary of Agriculture from 1971-76, addressed the Awards Banquet Tuesday evening during the 30th Annual Meeting of PFA.

Butz told the convention gathering that farmers can rise to the task of feeding a larger populace only if agricultural research continues to get priority and only if individual freedom and real incentives are

provided for farmers who are willing to strive for them.

Said Butz, "Too few national governments have made the commitment to assure that changes in techniques would provide real incentives to the individual farmer."

"Too many nations interfere substantially with trade in farm products."

"Too many nations, including our own, have an underlying, but powerful, urge to pursue a cheap food policy - making it difficult for the man on the land to reap the reward for the



Earl Butz

innovations he makes."

Butz also told the banquet audience, "Even though the cost of food is a widespread source of complaint, the plain truth is that we Americans buy more food for a smaller share of our working day than ever before, and for less than any other nation."

Butz said Americans enjoy this affluence, which they take for granted, because of the efficient family farm system. Today one farm worker produces enough food for himself and some sixty other people, Butz said.

The American family farm represents an

entrepreneurship at its best. It is here that we find a direct relationship between personal profit (or at least the hope of profit) and investment, innovation, risk-taking, and just plain old

fashioned hard work and enterprise," Butz told the PFA convention.

Butz is presently Dean Emeritus of Agriculture at Purdue University.



Agriculture Secretary Penrose Hallowell recounted the legislative activity of the past 12 months at the opening luncheon held Monday. Theme of the PFA meeting was "Dawn of a new Decade." Looking on is PFA President Eugene Thompson.

PENNSYLVANIA AGRICULTURE



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In previous issues these successful farmers told you how Mix Mill cut their operating cost



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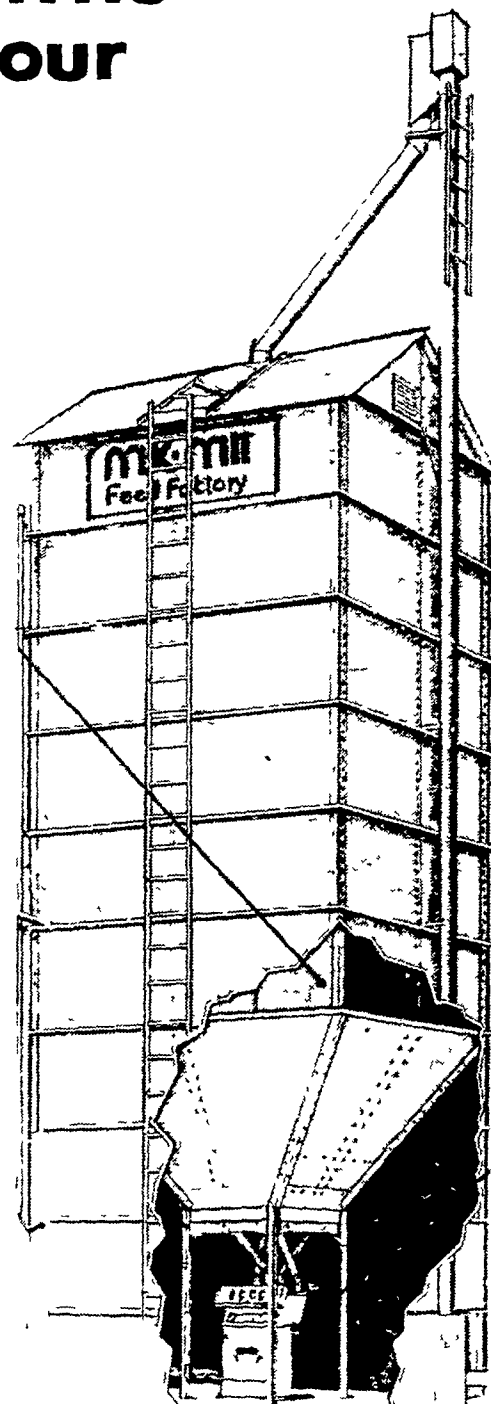
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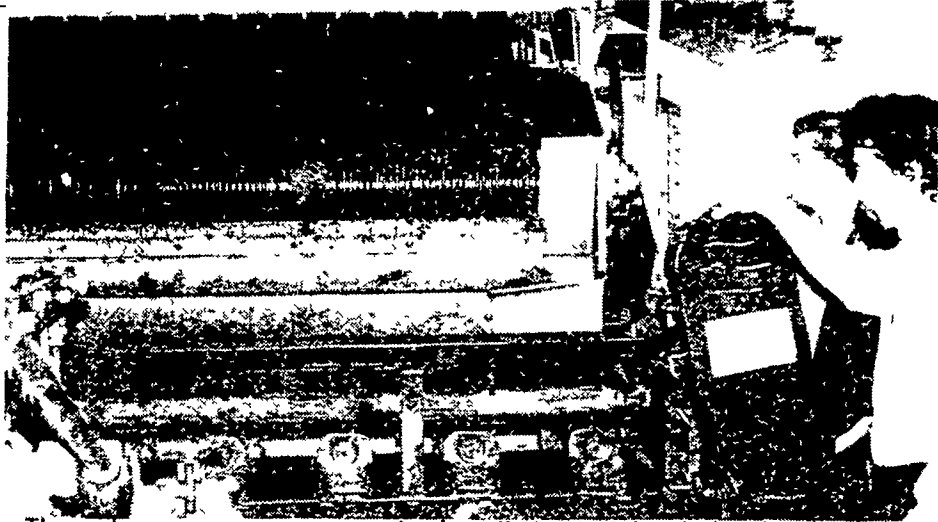


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Through a vacuum process, water is pulled out of the sludge, leaving behind a dry cake that is hauled to the farms and spread. Looking on is Middletown's superintendent, Paul McCurdy, foreground.

Fulton Grange honors Granger of Year

OAKRYN — Fulton Grange No 66 met in regular session Monday at their hall in Oakryn with the Master, Thomas C Galbreath, presiding at the business session.

It was announced that Mrs Howard W Miller Jr was selected as Fulton Grange's Granger Of The Year.

The youth committee sponsored a game night at the home of Mr and Mrs Edward L Zug, Peach Bottom R D, last Saturday.

Mrs Jesse Wood announced that the Little Britain Cub Scouts have invited the Oakryn Senior Citizens and other senior citizens of the Little Britain and Fulton township areas to a meeting Dec 19th. She also announced that the Oakryn Senior Citizens will hold an Acme dinner at noon Dec 10th at Fulton Grange Hall.

In other business, Thomas C Galbreath was selected to represent Fulton Grange on the Lay Advisory Committee for long range planning for the Solanco School system, and the Grange gave a ten dollar donation to the Arthritis Foundation.

Scott Stauffer reported on his trip to Kansas City to the FFA convention. The Solanco FFA students spent three days at the convention and did sight-seeing going and returning which included the St Louis Research Farm.

The Oakryn Senior Citizens held a Christmas bazaar at the Grange Hall Monday and attended the Grange meeting. The Lecturer, Mrs Jesse Wood, welcomed them and introduced Mrs James Wood, who presented the program. It opened with group singing "Love's Old Sweet Song". Mrs Verna Graybeal read a poem "Man Cannot Live By Bread Alone". Mrs Verna Shirk gave a reading.

Mrs Charles Wood conducted an audience participation fun game, "Mr and Mrs Game" with the following participating, and the winners respectively: 1-Mr and Mrs Thomas Galbreath, 2-Mr and Mrs Clifford Holloway Jr, 3-Mr and Mrs Richard Letever, and 4-Mr and Mrs J Everett Kreider.

The next meeting will be held December 8 with Mrs Jesse Wood in charge of the program.

The Grange will go Christmas carolling December 22nd, followed by a party at the Grange Hall.

PENNSYLVANIA AGRICULTURE



WE'RE GROWING BETTER

Middletown sludge

(Continued from Page A27)

sludge is the only economical choice open to the Middletown Plant for getting rid of its sludge.

The citizens of Middletown don't want to see their rates go up, and they are happy the farmers want the stuff. I see sludge as a desirable commodity in the future — I can't see destroying a valuable resource through incineration or burying it in landfills.

He smiled and said, "We'll be advising all townships on our sludge activities in order

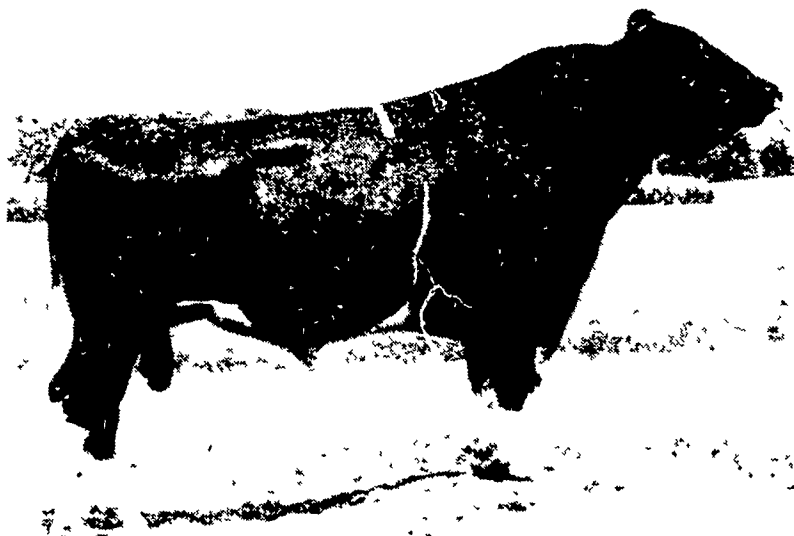
to keep complaints from citizens on the odors to a minimum. My feelings, though, is the sludge, at worst, doesn't smell as bad as pig or chicken manure — that's the kickiest stuff there is."

Farmers within a 10-mile radius of the plant, who are interested in joining Christian Becker, Merle Gruber, Art Lutz, Clair Nissly, Frank Ziats, and the Pa Holstein Association in the sludge program, should contact Paul McCurdy at the Middletown Borough

Sewage Treatment Plant, 60 West Emaus Street, Middletown, PA 17057, or call 944-4686, ext 55 for more information — SM



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29H3158 Twilight	+\$169	+1289M	+ .09%	+60BF	56% Rpt	N/A		
29H3139 Ijon	+\$189	+1443M	+.07%	+64BF	52% Rpt	+ 44 PDT	+457 TPI	60% Rpt
29H2770 Gemini	+\$ 95	+ 689M	+.07%	+35BF	88% Rpt	+1 11 PDT	+303 TPI	82% Rpt
29H2501 Imp Knight	+\$141	+1092M	+.06%	+49BF	98% Rpt	+ 06 PDT	+330 TPI	87% Rpt
29H3032 Cypress	+\$144	+1122M	+.06%	+50BF	68% Rpt	+ 95 PDT	+402 TPI	66% Rpt
29H2932 Line Chief	+\$166	+1310M	+.06%	+57BF	57% Rpt	+1 63 PDT	+501 TPI	49% Rpt
29H3085 Elmer	+\$223	+1799M	+.05%	+74BF	59% Rpt	+ 90 PDT	+574 TPI	55% Rpt
29H2588 Top Command	+\$ 87	+ 657M	+.05%	+31BF	76% Rpt	24 PDT	+187 TPI	60% Rpt
29H2890 Ivy	+\$ 73	+ 559M	+.04%	+26BF	97% Rpt	+1 87 PDT	+306 TPI	96% Rpt
29H3645 Sooner	+\$165	+1347M	+.03%	+54BF	32% Rpt	+2 02 PDT	+522 TPI	41% Rpt
29H2960 Sexation	+\$164	+1343M	+.03%	+54BF	65% Rpt	+2 38 PDT	+546 TPI	66% Rpt
29H3081 Henry	+\$129	+1038M	+ .03%	+43BF	58% Rpt	N/A		
29H2655 Bouquet	+\$136	+1131M	+ .02%	+44BF	71% Rpt	62 PDT	+270 TPI	57% Rpt
29H2694 BUD	+\$135	+1114M	+.02%	+44BF	65% Rpt	+ 99 PDT	+380 TPI	55% Rpt
29H3183 Ken Royal	+\$132	+1079M	+ .02%	+43BF	49% Rpt	N/A		
29H3740 Royal	+\$127	+1055M	+ .04%	+41BF	57% Rpt	+1 42 PDT	+395 TPI	49% Rpt
29H3017 Belle	+\$124	+1027M	+ .02%	+40BF	70% Rpt	+1 29 PDT	+378 TPI	68% Rpt

Top 21 test sires average

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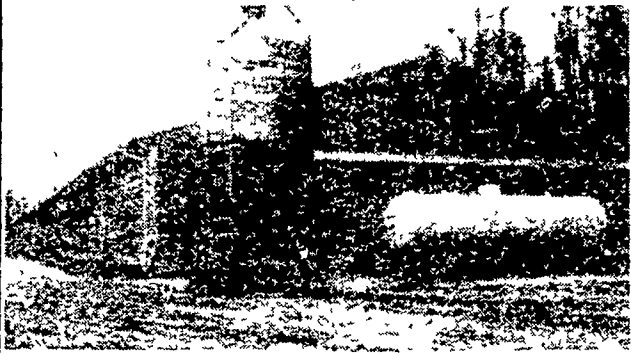
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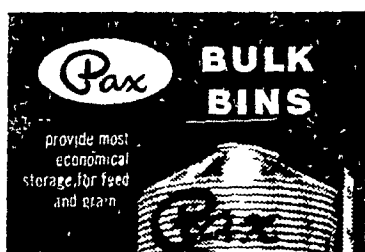
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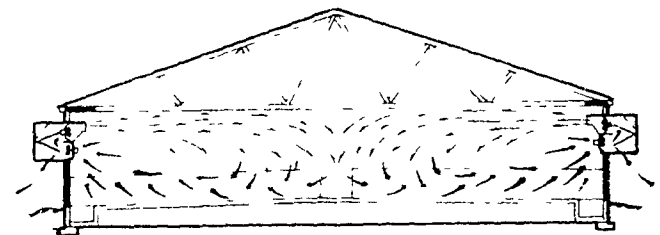
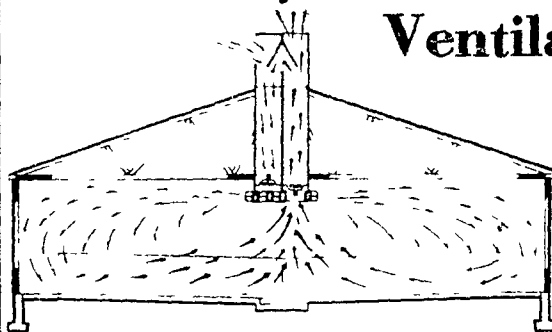
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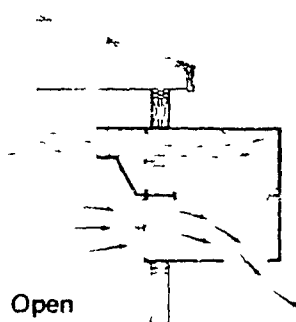
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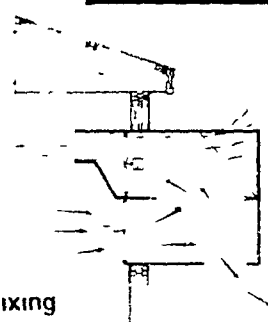
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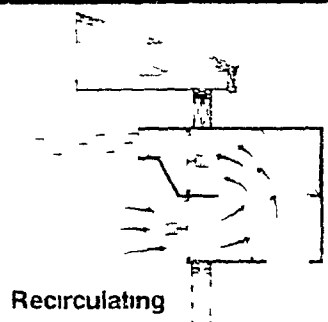
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Delaware extension to offer farm record keeping service

MIDDLETOWN, Del. — Starting January 1, 1981, the Delaware Cooperative Extension Service will be offering a new service for farmers—a record keeping program.

The system makes use of the University of Delaware Computer and can be accessed through terminals located in county extension offices. To begin with, the service will be available to farmers in both New Castle and Sussex counties. (The Kent county extension office

doesn't have the necessary terminal yet).

To acquaint farmers with the new service its developer, extension farm management specialist Don Tilmon, will be holding two meetings in December.

The meeting for Sussex county farmers will take place Thursday, December 4, at 7:30 p.m. at the university's Georgetown Substation.

The New Castle county meeting will be held at Chris

Wick's Lazy Boy Farm on Route 896 near Middletown on Monday, December 15 at 7:30 p.m.

The meetings are intended to introduce farmers to the system and run through procedures for dialing up the computer, signing on and running through a typical program.

The new record keeping service will make it possible for farmers to keep records on every major crop grown in the state, plus broilers,

dairy cattle and hogs. It will keep track of on-farm grain storage as well as depreciation on field machinery plus any facilities that are involved in livestock enterprises.

It will also keep a labor summary on all these enterprises.

The program will also permit growers to keep continuous record of some of their farm management practices, such as how much fertilizer they apply or the

plant population of a particular field.

Eventually Tilmon hopes to expand the model to include irrigation enterprises as well, including irrigation expenses and depreciation on equipment. This information would probably be prorated across fields where water is applied.

A computer can do anything you can do with a paper and pencil, says Tilmon, stressing that there's nothing miraculous about the service which will be provided. It just does it a lot faster.

It can also store, recall and update large amounts of information.

A farmer who uses this service can save several hours a week, he says. On a large-scale farm, it could even save you the full-time services of someone. The system requires just a few minutes a day for filling in data on an input form. Then once a month you would spend about an hour updating this information on a terminal in your county office.

Information stored would be strictly confidential. Each user would have a secret number and password, though the extension service would like to

be able to use certain data on general yields and management practices in determining statewide averages.

Nominal cost to use the service will range from \$75 to \$100 for an average size farm. The amount of time you're connected to the computer largely determines the cost. The telephone bill is the biggest expense, says Tilmon.

Each month each participant will get a readout that provides an update on all information stored to date for that particular account. At the end of the year there will be a final printout. This becomes your formal record of financial transactions for the year.

Basically, the service provides the means for keeping your farm records much more efficiently and thoroughly, and much faster.

Information from the program can be used as an aid in developing a budget. In time, you'll also be able to take the information from an individual field or farm and analyze it for trends that may help improve your management there.

Interested farmers are encouraged to attend these meetings.

Grange hosts Farm-City activities

TRAPPE — The Annual Farm-City dinner program was held at Keystone Grange last Wednesday. Grangers filled the hall to capacity.

A delicious roast beef family style dinner was served by William Gotshall and his committee.

The dinner prayer was offered by Mrs. William McCoy, Chaplain of the grange.

Mrs. Franklin Blank, Master, gave opening remarks and welcomed everyone to an evening of

fellowship.

A short business meeting was held after dinner. It was announced that the annual Corn-Husking Bee and candlelight tour at the Peter Wentz Farmstead was a success in spite of the cold rain that night. Winners were Paul Neumann and Mindy Wismer and Betsy Wismer and Dale Nice.

Director of Montgomery County Parks Robert Rothenberger announced the Farmstead is looking for a middle-aged person to be keeper of the stock on a part

time basis and perhaps growing into a fulltime position with living quarters.

Entertainment for the evening was Miss Rosemary Campanova of Worcester who sang "My Favorite Things" "I Could Have Danced All Night".

Also performing was Mrs. Maryann Knarr of Gilbertsville. She performed a melodious collection of patriotic and secular music on the marimba.

Main speaker was Dieter Kreig of Lancaster County. He told his life story of his family's escape from East Germany in 1955. His father

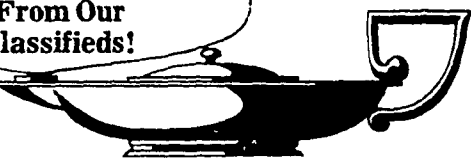
now has the largest dairy operation in Florida with over 1500 dairy cows. He spoke of the perils of the family and how they all stayed together thru it all. He was well received and entertained a standing ovation.

Remarks were heard by Master of the Pa. State Grange, Charles F. Wismer and Pomona Master F. Robert Zimmerman, who invited all 5th degree members to the quarterly Pomona meeting, Dec 13 at Valley Grange Red Hill.

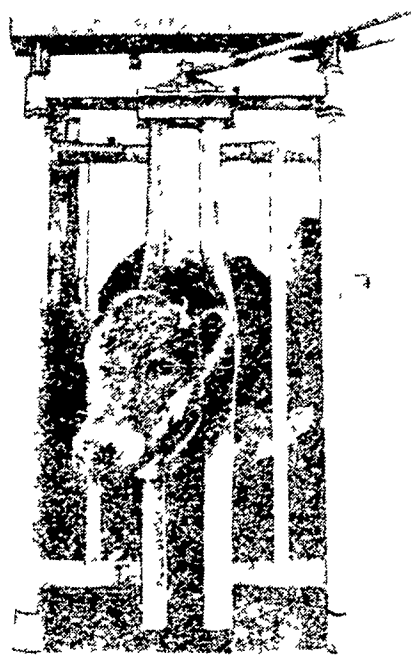
The program closed with group singing.

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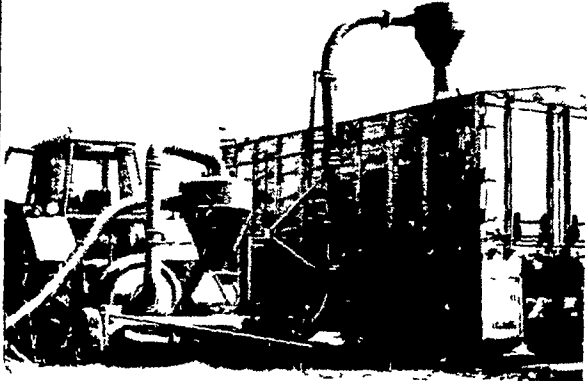
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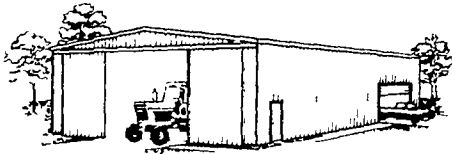
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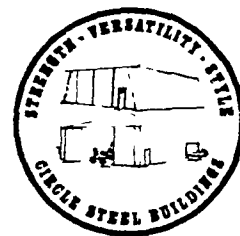


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Teachers attend embryology workshop

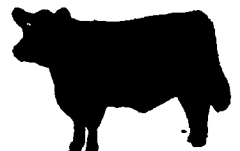
STATE COLLEGE — A 4-H Embryology Workshop for school teachers held in Lancaster on November 17, has revealed some very surprising results.

Teachers learned how to perform surgery on a seven-day old egg embryo and place a plastic window over the opening in the shell (over the air cell) to allow the embryo to live as they observed the heartbeat and the growth of the embryo.

An egg that was not candled for a living embryo was used as a demonstration on how to enter the shell with a needle drill. It happened to be rotten, with gaseous pressure inside and exploded in the hands of the surgeon when the first opening in the shell was made. From this teachers learned to candle all eggs before they are worked with.

The day-long workshop taught teachers and leaders how to manage a project, egg incubator and how to manage students as they work.

Nancy Myers, Lancaster County 4-H agent conducted the workshop.



ANDY GLICK, Oley, Pa.

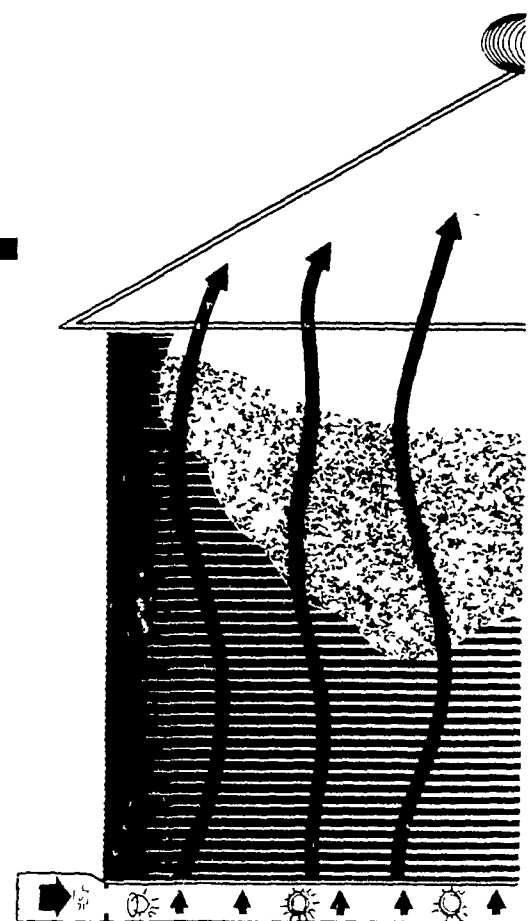
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Letters To The Editor

homozygous parent (one who carries both possible greying genes) are grey. This is also incorrect, for with grey being dominant, a homozygous grey parent can produce **only** grey offspring, and must itself have been produced by two grey parents.

The correct answer to your reader's question about what combination will give the best possibilities of having a grey foal is this: breed your mare (of any color) to a homozygous grey (very rare) stallion, or vice versa. You must get a grey foal. The next best possibility (75% chance) is to breed a heterozygous grey mare to a heterozygous grey stallion. The major fact is this, however: from the combination of any grey parent, and a non-grey parent, the foal has a 50% chance of being grey. It all depends on whether or not it inherits a grey gene from the grey parent.

Patricia L. Goodman
B5 West Chester

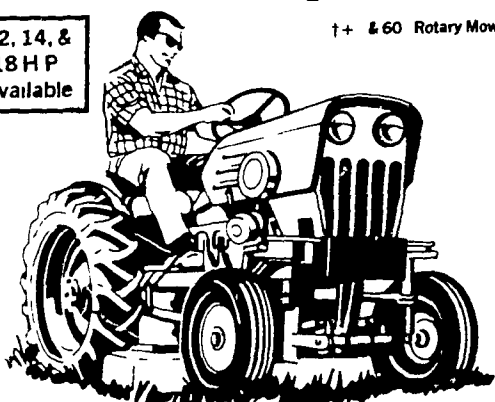
Farm Calendar

Wednesday, December 3	Benefit Ag Center,
Chester County Farmers	Leesport Auction,
Union Meeting, Springs	Leesport
Valley Inn, Avondale,	Kent County Crops Meeting,
7 30 p m	Felton Fire Hall, Felton,
Hunterdon County Board of	Dela , 9 30 a m -3 p m
Agriculture Monthly	Central Jersey DHIA &
Meeting, Extension	Holstein Assoc Joint
Center, Flemington,	Annual Dinner Meeting,
NJ , 8 p m	Ringoes Firehouse,
Thursday, December 4	Ringoes, N J , 7 p m
Sussex County, Dela	Saturday, December 6
Computer Record Service	Lancaster Horse & Pony
Meeting, Georgetown	Club Recognition
Substation, 7 30 p m	Banquet, Farm and
Friday, December 5	Home Center, Lancaster,
Berks Feeder Calf Sale to	6 30 p m

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Bradford Holstein Assn. holds annual meeting

BY JANE BRESEE
Staff Correspondent

ULSTER — Russell Jones of Warren Center, president of the Pennsylvania Holstein Association, briefly reviewed the progress of the state organization since he has been a member.

He spoke at the annual meeting and banquet of the Bradford County Holstein Club held last Wednesday in Ulster, Bradford County.

Jones predictions for the future of the Association included a Holstein Show to be held in conjunction with the Ag Progress Days at Penn State, and an increase in the overseas export of frozen Holstein calf embryos.

Introduced by Richard Kingsley, president of the Bradford County Holstein Club, Jones said he had been a member of the local club for over 20 years, most of the time as a director. He has served as state director for the past eleven years, having been on the executive board, first as vice-president, and now as president.

He said he feels his job as president was part of his service to his fellow man and that he had been called to do it. Although it was hard, he had made hundreds of friends and had done what he could to represent Bradford County well, he said.

Jones concluded his

remarks by inviting all the members to the State organization annual meeting to be held the last week of February Richard Packard of East Troy will have charge of the program on Thursday morning, Feb 26 Mrs Melvin Pipher of East Canton is planning the Ladies' Program

Lu Ann Shedden, Bradford County Dairy Princess, was introduced, and spoke briefly, reading a poem about Thanksgiving.

Doug Hershey, Director of Membership Service of the state organization, stated that the 1979 membership in Bradford County was 284 members, 289 members in 1980, and the goal for 1981 was 316. He explained the bonuses given for membership goal achieved on time.

Ted Kier, science teacher in the Athens School District, was the main speaker, using slide pictures to illustrate the archaeological diggings in Indian village and burial sites in Bradford County. Kier considers himself strictly an amateur archaeologist, but he has a sizeable collection of artifacts, his interest in Indian history starting when he found his first arrow head as a little boy.

Kier said that findings prove that Indians have lived in the area at least

17,600 years, and that white man may have come before 1600 A D

The meeting was concluded with the election of three directors for a term of three years. They are Richard Kingsley, Bill Brown, and John Macafee.

Entertainment was provided by a vocal trio, Mrs. Joann Pipher, Mrs. Glen Landis, and Mrs. Arlen Landis, from the Canton area. Nearly 100 family members enjoyed the dinner served by the ladies of the Ulster Methodist Church.



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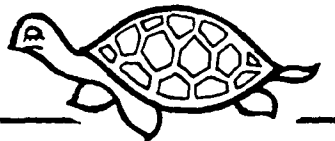
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1,500	5'4"	9'0"	7	1,388	470.00
2,000	5'4"	12'0"	7	1,735	570.00
3,000	5'4"	17'11"	7	2,432	770.00
4,000	5'4"	23'10"	7	3,130	950.00
5,000	8'0"	13'7"	1/4"	4,484	1,540.00
6,000	8'0"	16'2"	1/4"	5,123	1,690.00
8,000	8'0"	21'6"	1/4"	6,475	2,095.00
10,000	8'0"	26'10"	1/4"	7,825	2,495.00
10,000	10'0"	17'0"	1/4"	6,956	2,250.00
12,000	10'0"	20'6"	1/4"	8,074	2,630.00
12,000	10'6"	18'7"	1/4"	7,900	2,525.00
15,000	10'6"	23'2"	5/16"	11,857	3,825.00
20,000	10'6"	31'0"	5/16"	15,105	4,790.00
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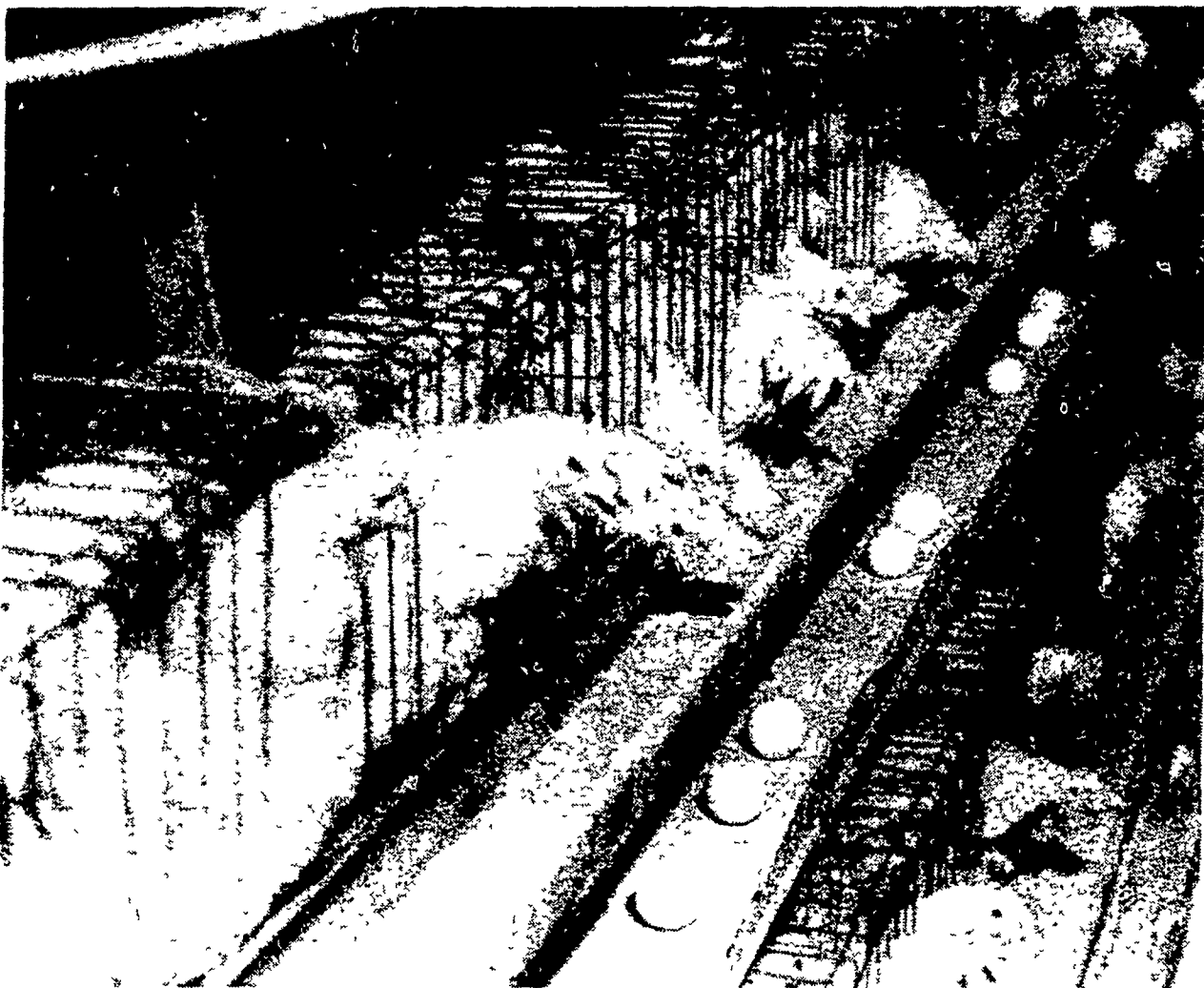
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Farmers lose two bills, look to next year

HARRISBURG — Farmers lost two sought-after measures in the closing days of Pennsylvania's 164th session of the General Assembly.

But already farmers, farm organizations, and the Agriculture Department are looking forward to the 1981 session.

The Senate Agriculture committee failed to act on either HB 1793 or HB 1794 before the lawmakers returned home for the Thanksgiving recess. There will be no further legislative activity on Capitol Hill until the next session convenes.

HB 1793 would have allowed the creation of agriculture districts in the state and allowed purchase of development easements.

HB 1794 would have protected farmers from any nuisance ordinance passed by a local municipality.

"We were late on our timing," concluded Pennsylvania Farmers' Association Governmental Relations Director Al Myers, speaking for all of the farm groups.

"We will try again," promised Farmers Union State Director Leonard Zemaitis. While Reno Thomas, a prime backer of the bills, will not be back in his post as house ag committee leader, having failed to gain reelection, a number

of other legislators probably will back a second try at making the goals set in the measures.

Several sources said Sen. Franklin Kury wrapped up any chances of the bill's making it out of committee.

But it was not all negative in the closing days of the most recent session.

The House concurred on changes made in the Senate to HB 1176 and the Governor is expected to sign the bill into law.

HB 1176, sponsored by Chester County Representative Joseph Pitts, would allow a farm to be valued at its agricultural value rather than its speculative value for development when figures are computed to determine the state inheritance tax.

The measure is seen as one which may save a good bit of state farmland which otherwise might be sold out of the family, or sold for development, in order to pay inheritance taxes.

Also passed was HB 1252, a small business-oriented measure dealing with corporate net operating taxes, but one which the Governor's office says will aid some farmers who, because of drought, have experienced losses in 1980.

Meanwhile, farmers and farm groups are looking forward to the 1981

legislative session and adopting policy positions. The Agriculture Department is preparing its legislative priority list.

Deputy Secretary of Agriculture Chester Heim said farmers should be on the lookout for a rerun of the right-to-farm and ag district bills.

The Grange sees a bill containing provisions to those in the current session's HB 1264 as having the best chance of passage. Some provisions of HB 1793 may be melted into that measure.

All of the new or changed legislation will be assigned a new printer's number for the next session.

Farm credit is the third item on the Administration's priority list, Heim said. The state hopes to propose a program to help farmers who need credit. The bill should be beneficial to beginning farmers.

Details are being worked out.

Also standing in the wings may be some new food law, although at present it still is in the discussion stage. Dog law may come under review.

Farm groups hope tax

reform also will grab its share of the limelight.

Altogether, agriculture

had a good batting average in the 1980 session of the state legislature. The

groundwork laid now will determine if 1981 will be as successful.—CH



If you believe inflation is gobbling up your dollars, you would have been convinced last Friday while banking at one of Lebanon Valley National's offices. Branch Manager Gene Martin assured us, however, the live turkeys in each office was just a one day promotion for a Thanksgiving dinner giveaway.

Ag engineer to retire

STATE COLLEGE — A. Roger Grout, professor of agricultural engineering extension at Penn State, will retire December 31 with over 32 years of service.

A native of Kennedy, N.Y., Grout managed the home farm for eight years, then enrolled at Cornell University where he received a bachelor of science degree in 1948. He received a master of science degree from Penn State in 1962.

He places major emphasis on improvement of dairy housing facilities, state and regional manure management guidelines, and the Penn State Plan Service.

As extension agricultural engineer, Grout initiated and developed numerous educational programs for dairy and livestock farmers in the state. These include housing, barn ventilation, farm drainage, machinery adjustment, and crop drying.

One of his significant activities has involved the planning and engineering design of dairy barns, milking centers, and livestock management facilities.

During the retiring professor's career, he provided individual assistance to almost 6000 farmers who were remodeling old barns or constructing new facilities. The estimated value of the completed structures exceeds \$40 million.

Grout is responsible for the preparation or acquisition and distribution of hundreds of plans for farm structures and livestock management facilities. Seven of his plans have been used nationwide.

He was a member of an ad hoc group representing farm organizations and state and federal agencies interested in developing a better un-



A. Roger Grout

derstanding of the environmental issues affecting farmers and regulatory agencies.

He served as chairman of the manure management committee of the Northeast Dairy Practices Councils; Penn State representative and chairman of the Northeast Regional Agricultural Engineering Service; and member of the Pennsylvania Department of Environmental Resources Manure Management for Environmental Protection Committee.

In 1977 he was recipient of the Pennsylvania Dairymen's Association Extension Award for his contributions to the state's dairy industry and in 1978 won the Pennsylvania State Epsilon Sigma Phi Society Ruby Award for excellence in Extension programming.

Grout is a member of Alpha Zeta and Epsilon Sigma Phi societies, American Society of Agricultural Engineers, and the Extension Professors Association.

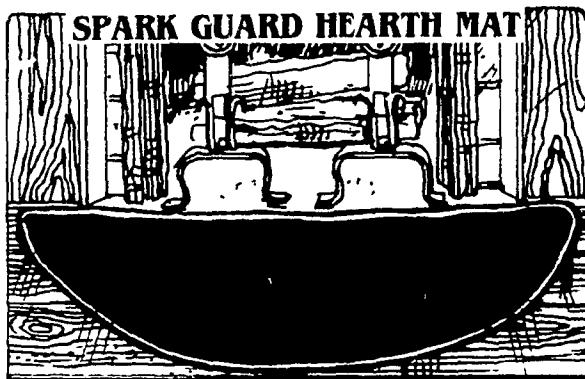
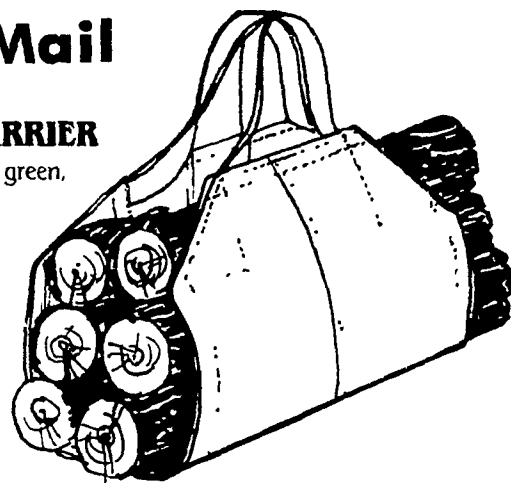
He is married to the former Priscilla DuMond, of Ulster Park, N.Y. They have three children.

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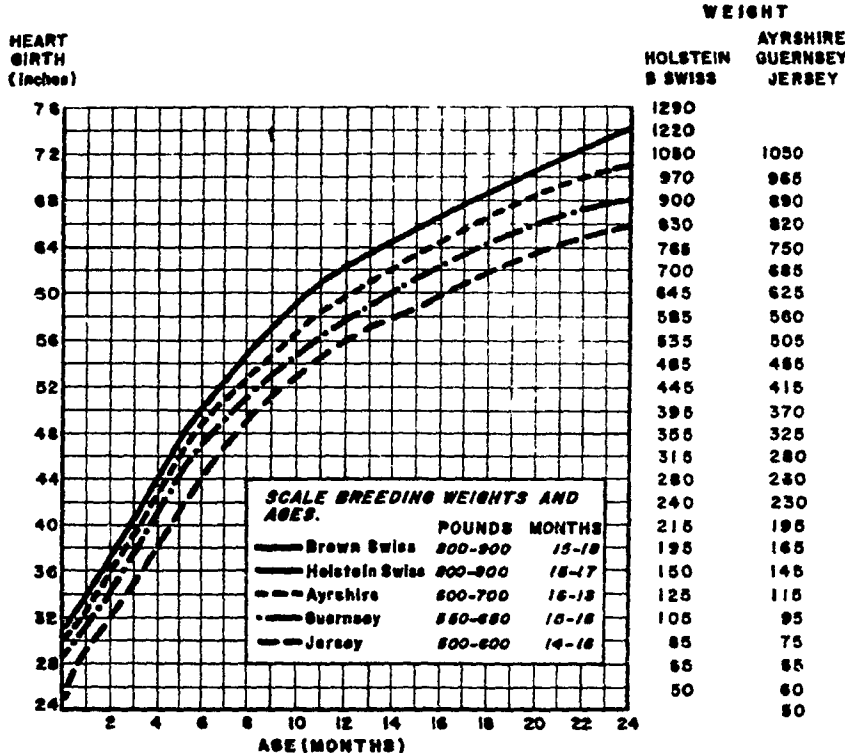
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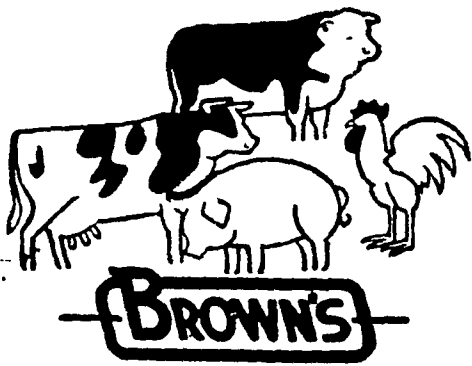
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Hunters conclude heavy turkey harvest

SINNEMAHONING — Pennsylvania hunters have concluded a three-week statewide turkey season thought to have been one of the most successful on record, with a harvest figure that will probably exceed 30,000.

Game managers credit this year's turkey hunting success to over two decades of planning and development aimed at establishing sizeable turkey populations throughout the state's turkey range.

Although wild turkey population were at a low mark just a few decades ago, sound game management

practices, coupled with a long-range "trap and transfer" program, have produced record numbers of the prized game birds (over 100,000) in most of the mountainous sections of Pennsylvania.

Wild turkey populations throughout the United States started to decline in the 1700s and by the Nineteenth Century the birds had almost been eliminated in their original 39-state range. Nationally, the number of turkeys in 1942 was believed to have been only 20,000 to 30,000 birds, most of them in southeastern states and central Pennsylvania.

Game management

professionals responsible for the development of the Game Commission's "trap and transfer" program are elected that the wild turkey has made such a dramatic comeback - even faster than was estimated when the procedures were introduced in the mid-fifties.

Commenting on the wild turkey population, Game Commission Executive Director Glenn L. Bowers noted, "This certainly proves that the 'trap and transfer' method is working. We now have probably the largest wild turkey population ever - and it's even more significant when

one considers that we haven't stocked a farm-raised bird in the north-central counties for almost 20 years, and we haven't released a farm turkey in the southcentral area since the early 1970s.

"The flocks we're seeing today are the direct result of the 'trap and transfer' technique," he said.

Responding to these dramatic growth patterns, the Game Commission, during its October meeting in Erie, voted to discontinue production of farm-raised turkeys and convert the facility in Lycoming County to the production of ringneck pheasants. For several years, the Game Commission has been under increasing pressure to phase out the turkey farm and the stocking of farm-raised birds.

A number of years ago the Game Commission adopted a policy which prohibited the release of game farm turkeys in areas where populations of wild birds existed. The policy was developed when it became obvious that the mingling of pen-raised birds with purebred wild turkeys caused problems.

Commenting on the conversion, Game

Management Chief Dale Sheffer said, "We were at a point in time when the Game Commission recognized that we simple had too few areas in which to stock farm turkeys where they wouldn't be in conflict with wild birds."

According to Sheffer, "Stocking farm-raised turkeys was one of the least effective propagation programs ever undertaken by the Game Commission. The wild populations we now enjoy are not the result of stocking farm birds - and that's an indisputable fact."

For the most part, the Game Commission's action has been hailed as timely, even long overdue. On the other hand, the decision has met with resistance in some quarters where sportsmen contend the Game Commission promised a three to five-year "phaseout."

Addressing the possibility of future depressed populations resulting from disease and/or successive hard winters, Bowers explained, "If that situation arises, we can concentrate our efforts in trapping and transferring birds from unaffected areas to the depressed range. Just as we created whole new flocks in southern counties by

bringing in turkeys from the north, we can reverse that procedure by establishing new flocks in the north with birds from the south.

"We realize that populations can be depleted by severe winters, and we recognize that birds can fall victim to disease. However, we seriously doubt that Pennsylvania will ever again be in a position where we cannot quickly reintroduce wild birds into those areas threatened by either disease or winter mortality. It's highly improbable that either disease or severe weather would affect the entire state."

Bowers concluded, "The decision to cease production of farm turkeys has already been acclaimed by both the Pennsylvania and National Wild Turkey Federations and the state Wildlife Society. Viewed in its proper perspective, I'm sure Pennsylvania sportsmen will recognize the wisdom of the Game Commission's action. When the conversion of the game farm is complete, we'll be raising an additional 40,000 or more ringnecks annually. To the hunter, that's a far better return on his investment and will increase his enjoyment in the field."

Hallowell to Washington?

HARRISBURG — Is Pennsylvania Secretary of Agriculture Penrose really the dark-horse candidate for a position as Ronald Reagan's U.S. Secretary of Agriculture?

In addition to the top job, there is a position as deputy secretary and five openings as assistant secretary of agriculture to be filled by the new administration.

At least three published reports said Hallowell had been approached by the Reagan transition team.

In none of the cases did the reports indicate Hallowell was adverse to the idea.

Hallowell did say Monday, when asked if he were going to be accepting a post in Washington, "I don't see it."

Nevertheless, Hallowell could offer reasonably good credentials for the USDA post.

He is a Republican. While his service as Pennsylvania Agriculture Secretary is relatively short, he did serve a number of years as Pennsylvania Director of USDA's Farmers Home Administration. Although he recently gave up his partnership in his Bucks County

farm, he has a strong dairy farmer background.

Sources close to the Secretary confirm there is no doubt Hallowell's name is being talked about, if not for the top spot for one of the assistant secretary positions.

"I know he is under consideration," one source confirmed.

As far as the Northeast is concerned, Hallowell is the prime ag secretary with the correct party ties.

But, a number of people pointed out the Secretary has it nice in Pennsylvania and they say the Governor is not anxious to lose a cabinet member he can trust and work with.

Should Hallowell accept any Washington post, another can of worms would

be opened: who would be his replacement as Pennsylvania Secretary?

In a wide-open game of guessing and speculation names ranging from both current deputy secretaries in Pennsylvania; to hog farmer Reno Thomas, former ag committee chairman who lost his house seat in the latest election; to Robert H. Williams, editor of Pennsylvania Farmer magazine; to Lancaster County representative and farmer Noah Wenger; have been advanced.

Like all other political guessing games, the entire show may have to be taken with a grain of salt.

On the other hand, it costs the ringside king-makers nothing to speculate.—CH

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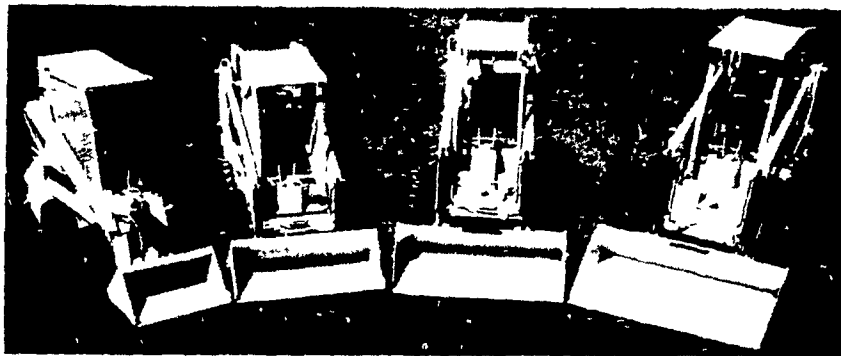
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4-H members can "go to the dogs"

NORRISTOWN — 4-H members are literally "going to the dogs" in the 4-H Dog Care and Training Program. And youngsters across the state can join now.

Most boys and girls have an affinity for small animals they can lavish their affection on, explains Nancy M. Kadwill, Montgomery

County Extension 4-H agent. In return, the pet becomes a trusted friend and companion.

But pets do not live by love alone; they depend on their owners to provide care and nutrition. That's why 4-H dog care projects and activities encourage young people from ages 8 to 19, to learn by

health, grooming and handling practices.

What are some of the canine care basics. Good nutrition is a must. It is just as important for dogs as it is for a human. Most commercially prepared dog foods provide a balanced diet. It is a good idea to feed on a regular schedule. Always have fresh water available.

Second, all dogs need exercise and some basic training for family living. Periodic bathing, combing to remove dirt particles and clipping out mats and burrs, should be part of a regular grooming schedule.

Third, all outdoor dogs need a warm house-free of

drafts and elevated to keep out water and dampness. Never confine a dog where he cannot reach adequate shelter.

Fourth, puppies need shots to prevent infections. Many communities have rabies vaccination laws and regulations and dog licensing and leashing. It is up to the dog owner to learn and obey these laws.

4-H'ers who demonstrate sound dog care and management practices are eligible for county awards.

More information on the 4-H dog care and training program is available from your Pennsylvania State University Cooperative Extension Service Office.



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Grand champion of Mount Joy Capon Roundup, Greg Musser, is flanked by buyers of his top pair, Abe Groff, left, and Elvin Yeagley.

Mt. Joy capon winners named

MOUNT JOY — Greg Musser was the top winner at the Mount Joy Rotary Club 4-H Capon Roundup.

Son of Mr. and Mrs. Harold Z. Musser, R3, Elizabethtown, he showed the grand championship pair of capons. When auctioneer Harold Keller brought down the gavel, they were sold to Elvin Yeagley for \$6.25 per pound and to Abe Groff for \$6 per pound.

The reserve champion pair were shown by Billy

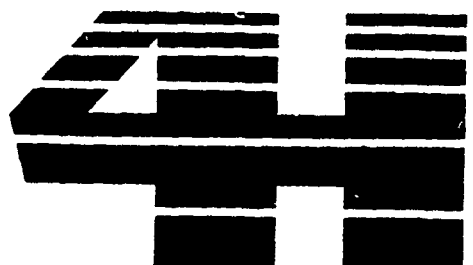
Endslow, son of Mr. and Mrs. William Endslow, R1, Marietta. They were sold to Ray N. Wiley Agency, Inc. for \$4 per pound.

Other placings, in order, were Doug Musser, Jane Endslow and Alice Thompson, daughter of Mr. and Mrs. Gary Thompson, R1, Marietta. Buyers were Andrew Reymer, Charles Groff, Mervin Nolt, Harold Keller, B.T. and Jim Rutt.

Judge was Herbert Jordan, of Penn State.



Participants in Mount Joy 4-H Capon Roundup include Jane Endslow, kneeling left, Doug Musser, and standing left to right, Alice Thompson, Billy Endslow and Greg Musser.



Berks dairy calf sale raises \$50,000

BY LAUREL SCHAEFFER
Staff Correspondent

READING — Berks County dairy farmers witnessed a good turnout to their calf sale held November 22nd at the Fairgrounds Square Mall as the first major funding event for the County 4-H Center got underway.

The total amount raised from the sale, and over \$10,000 worth of donations from dairy farmers unable to donate calves for the sale, came to \$43,650. A total of 89 calves were sold for an average price of \$495.

High selling calf was Linden-Loch Star Fanny-Twin 10417539, born February 18, 1980. The heifer was donated by Linden-Loch Holsteins, Oley and brought a sum of \$2,325 from buyer Kevin Hertzog also of Oley. This extraordinary heifer was sired by Glen-Valley Star out of Glo-Ray Carnation Fanny.

All proceeds from the sale of this calf and others will go towards the construction of the \$550,000 Berks County 4-H Community Center, planned to begin next year.

Auctioning the calves for the county dairymen was Remsburg Sales Service,

Jefferson, Md. They also donated their time and services for the county 4-H youth. The sale barn and facilities were donated for the cause by the Reading Fair and Al Boscov, president of Boscov's Stores.

Calves were donated by the following dairymen: Stephen and Anne Janos, Mohrsville; Richard Troutman and Sons, Richland Dr. and Mrs. Robert Dresbach, Hamburg; Russell Dale Farms, Richland; Mark A. Wollskill, Robesonville; Linden Loch, Holstein; Oley Kerchenhill, Holsteins; Putztown, Paul R. Haas, Lenhartsville; Alfred Schmidt, Lenhartsville; Robert Kopley, Fleetwood.

Also Leroy Howard, Oley; Merle Stutzman, Fleetwood; Ralph Sanner, Kutztown; Earl R. Hoffman, Oley; W.H. Driebelbus and Sons Inc., Shoemaker; Kenneth L. Stutzman, Kutztown; Plushanski Farm Inc., Kutztown; Milana Farms, Myerstown; Robert Sattazahn and Sons, Womelsdorf; Harold G. Heck, Wernersville.

Also Frank G. Gromlich, Hamburg; Richard Hoppes, Hamburg; Dancing Bell Farm, Kempton; Ferry Farms, Alburtis; Irvin Zimmerman, Fleetwood; Lawrence Kieffer, Bethel; Swatara Dairy Farms, Myerstown; Wilmer Kraybill, Morgantown; Gail and George Malsburg, Rehersburg; Harold and Pious Dietrich, Hamburg.

Also George Moyer, Myerstown; James Adam, Hamburg; James Stutzman, Kutztown; Daniel Leatherman, Hamburg; Charles and Tim Kissing, Robesonville; Ronald O. Neil, Hamburg; Daniel Harnish, Richland; Alton Rohrbach, Shoemaker; Carl Hollenbach, Bernville; Leonard Stoltzfus, Douglasville.

Also William J. Moore, Mohnton; Scattered Acres Inc., Reading; Ralph Lutz, Mohrsville; Mat Mar Farms Inc., Leesport; Marvin Wald, Oley; Robert Yanos, Douglasville; Earl Lathshaw, Alburtis; Richard Hoffman, Bernville; Andy Stoltzfus, Morgantown; Dennis Sattazahn, Womelsdorf; Also Roy O. Christman, Hamburg.

Harvey Stoltzfus, Morgantown; Harold and George Schuler, Fleetwood; Charles A. Savidge, Mertztown; Burd and David Schantz, Alburtis; Webb Hill Farm, Rehersburg; Roy Hoppes, Mohrsville; George and Mary Troutman, Myerstown; Carl Rabenold, Kutztown; William Howter, Kempton.

Also Melvin Kolb, Lancaster; Clarence Sattazahn, Womelsdorf; Harry Kauffman, Hamburg; Homer Bayer, Kutztown; Ray Seidel, Lenhartsville; Donald Duncan, Robesonville; Kermit and Kenneth Schlegel, Fleetwood; Paul Christman, Hamburg; Paul Labe, Oley; John Stump, Bernville; Ernest Miller, Hamburg.

Also Harry Herbert, Topton; F.M. Brown's Sons, Douglasville; Robert Seidel, Lenhartsville; Way Har Farms, Bernville; Donald Landis, Myerstown; Kenneth Grimes, Strausstown; Rufus Bashore, Mohrsville; Tri-Y Farm, Bernville; Pine Brook Farm, Oley; Elam Hoover, Reading.

And Merrill Hetrick, Limekiln; George Stein, Mohrsville; Ervin Steiny, Sharptlesville; David Herbert, Kutztown; Ernest and Ken Fabian, Bernville; Roscoe Haag, Mohrville; and Lester Burkholder, Fleetwood.

Donations of monetary gifts were: George Bechtel, Lenhartsville; John & Ralph Blatt, Robesonville; Daniel Brubacher, Lenhartsville; Donald Davis, Bernville; Luther T. Davis, Fleetwood; Ernest Epling, Hamburg; Elmer Eyrich, Oley; Roland Feeg, Womelsdorf; Ralph Haag, Leesport.

Also Norman W. Hartman, Hamburg; Roy Hetrick, Bernville; Lee J. Katz, Bernville; Robert Keiffer, Hamburg; Levern Koenig, Bernville; Walter & Joseph Kohler, Kutztown; Raymond Kulp, Kutztown; Larry L. Mertz, Fleetwood; Harold N. Miller, Fleetwood; Lester C. Miller, Kutztown.

Also Charles Moyer, Bernville; J. Hershey, Womelsdorf; Chester E. Noll, Oley; Lester J. Rentschler, Hamburg; Ralph Richard, Oley; Bruce Riegel, Mohrsville; Gerald Schlappich, Bernville; Seidel Bros., Fleetwood; Harry P. Shaak, Hamburg.

And Charles Strause, Leesport; Carl Stricker, Wernersville; Richard Schlegel, Boyertown; Martin L. Younker, Fleetwood; Leroy Zweig, Shoemaker; Bernville.



Carl Hollenbach, left, Bernville, donator of Guernsey calf, sold to Lebanon Valley National Bank, is shown with buyer, Mike Firestone and Kirk Sattazahn, holding calf. Calf is to be donated to Berks 4-H Dairy member.

LVNB donates calf to 4-H'er

BY LAUREL SCHAEFFER
Staff Correspondent

READING — One of the many supporters of the dairy calf sale sponsored by Berks County Dairy Farmers as a fund raising project for the Berks County 4-H Community Center was Lebanon Valley National Bank.

Mike Firestone, agricultural lending officer for LVNB, bought an August 30 Guernsey calf, sired by Kellogg Minnies Choice

580204 (papers pending), donated to the sale by Carl Hollenbach, R1 Bernville.

The calf will be donated to a Berks County 4-H youth. The lucky 4-H'er will be selected from a composition contest to be written on Why I would like to be a good dairy farmer.

Firestone pointed out all interested Berks County 4-H'ers should send a short resume about themselves, including their age, number

of years in 4-H, and their farming experiences, along with their composition entry to him at LVNB, Box 326 Main Street, Schaeferstown, PA 17088.

The contest is open to all Berks County dairy 4-H'ers who will have reached their eighth birthday by January 1, 1981 or will not have turned nineteen by the same date. Deadline for entries is December 20, 1980.



First calf sold at sale was donated by Stephen and Anne Janos, Mohrsville. Shown in picture is buyer, nine year old Kirk Sattazahn, son of Mr. and Mrs. Clarence Sattazahn, Womelsdorf. Calf sold for \$725.

Grange commends Carter on mushroom decision

HARRISBURG — As a result of the foreign trade debates at the National Grange Sessions in Cedar Rapids, Iowa, recently, Charles E. Wismer, Jr., Master of the Pennsylvania State Grange, and Ed Andersen, master of the National Grange, sent a joint letter to President Carter commending his action of increasing tariffs on imported processed mushrooms, recently.

Both the State and National grange have been active in seeking relief for mushroom growers, especially in light of the increasing amount of foreign

mushrooms being imported into the United States.

"Make no mistake," State Master Wismer said, "the increased tariffs are merely temporary solutions."

The letter goes on to inform the President that the Grange had also adopted policy to seek "an income support program based on a target price."

Such action will "guarantee growers a price for their produce, and at the same time, protect the domestic market against being eroded by imports."

Other policy adopted in the mushroom sector calls for

increased research on fly control.

When DDT was outlawed as a pesticide in this country, the mushroom industry lost the only effective pesticide it had to control the insects.

Several new pesticides have been introduced, but growers report they are not as effective as the outlawed chemical.

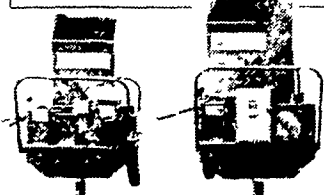
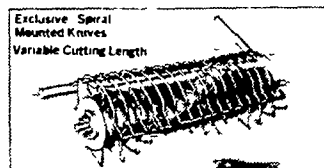
The Grange has asked for research to develop a new improved spawn.

In addition, the Grange volunteered to cooperate in any way with the Task Force appointed study the mushroom industry "to make it more competitive."

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U.S. ag trade show opens in China

BEIJING, China — The U.S. Department of Agriculture and nine cooperating commodity organizations Monday opened in Beijing (Peking) the first official trade show ever to represent U.S. agriculture in China. More than 5,000 Chinese attended the opening-day activities limited to invited guests.

This event, part of the U.S. National Economic and Trade Exhibition in Beijing, ran through Friday at the Beijing Exhibition Center. In addition to an exhibit portraying the U.S. grain, soybean, livestock and

poultry industries, the two-week show will include 23 seminars concentrating on animal and poultry breeding, feeding, and management, as well as crop production and the processing of grains, soybeans and livestock products.

The nine "cooperators" are non-profit organizations representing their farmer and processor members in trade promotion abroad. Some of them have been working in China for almost two years and have contributed to the sharp rise in U.S. farm product sales to

that country.

Coordinator of the agricultural show is USDA's Foreign Agricultural Service, which carries on a continuing program of export promotion in foreign countries. USDA is cooperating with the International Trade Administration, U.S. Department of Commerce, in the Beijing exhibition, which includes as exhibitors some 200 American companies.

The Beijing exhibition comes at a time of rapid growth in U.S. agricultural exports to China. This business will amount to an

estimated \$2 billion this year — double the \$997 million recorded in 1979. Agricultural products account for well over half of total U.S. exports to China.

From 1949 to 1972, there was virtually no trade between the United States and China. U.S. agricultural exports reached \$626 million in 1973 and \$664 million in 1974.

This year grains are accounting for about one-half of the projected \$2 billion in agricultural exports to China. Soybeans and products make up \$250 to

Lancaster Farming, Saturday, November 29, 1980—A41

\$275 million of the total, and cotton shipments are estimated above \$700 million.

Joining in the U.S. national exhibition in Beijing were the American Soybean Association, St. Louis, Mo.; the U.S. Feed Grains Council, Washington, D.C.; and the National Renderers Association, Des Plaines, Ill. They led seminars on livestock and poultry nutrition, aimed at expanding the use of American feedstuffs in China.

The Holstein-Friesian Association, Brattleboro, Vt., the National Association of Swine Records, Macomb,

Ill.; and the National Association of Animal Breeding, Columbia, Mo., scheduled seminars on animal breeding and artificial insemination.

The U.S. Wheat Associates, Inc., Washington, D.C., conducted seminars on milling technology and baking. The American Seed Trade Association, also headquartered in Washington, D.C., scheduled seminars on grassland management and crop production. The Tanners Council of America, New York, N.Y., had a series of seminars on tanning and finishing of leather.

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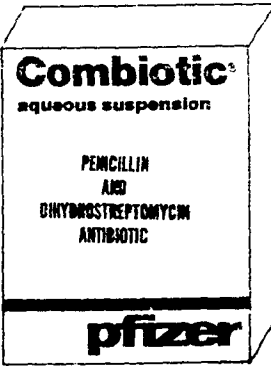
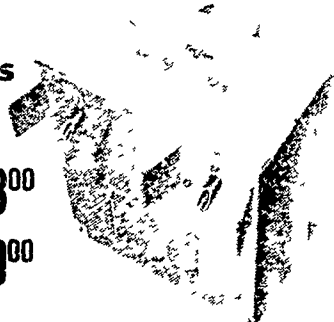


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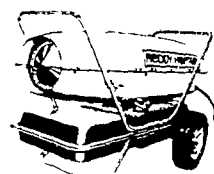


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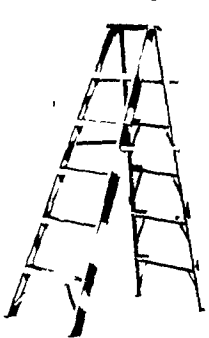
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5' Step	16.89	13.99
6' Step	20.39	16.99

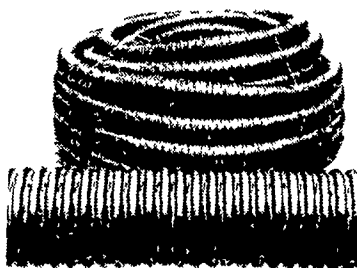
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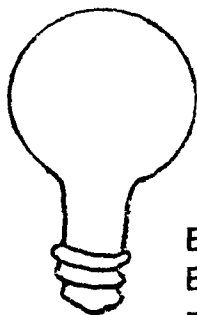
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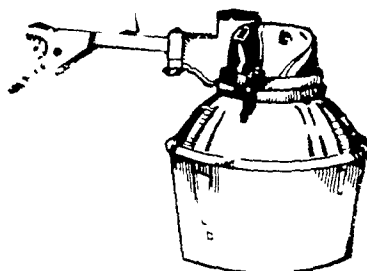
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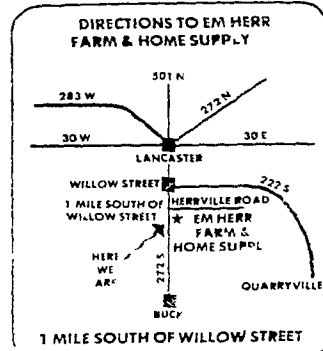
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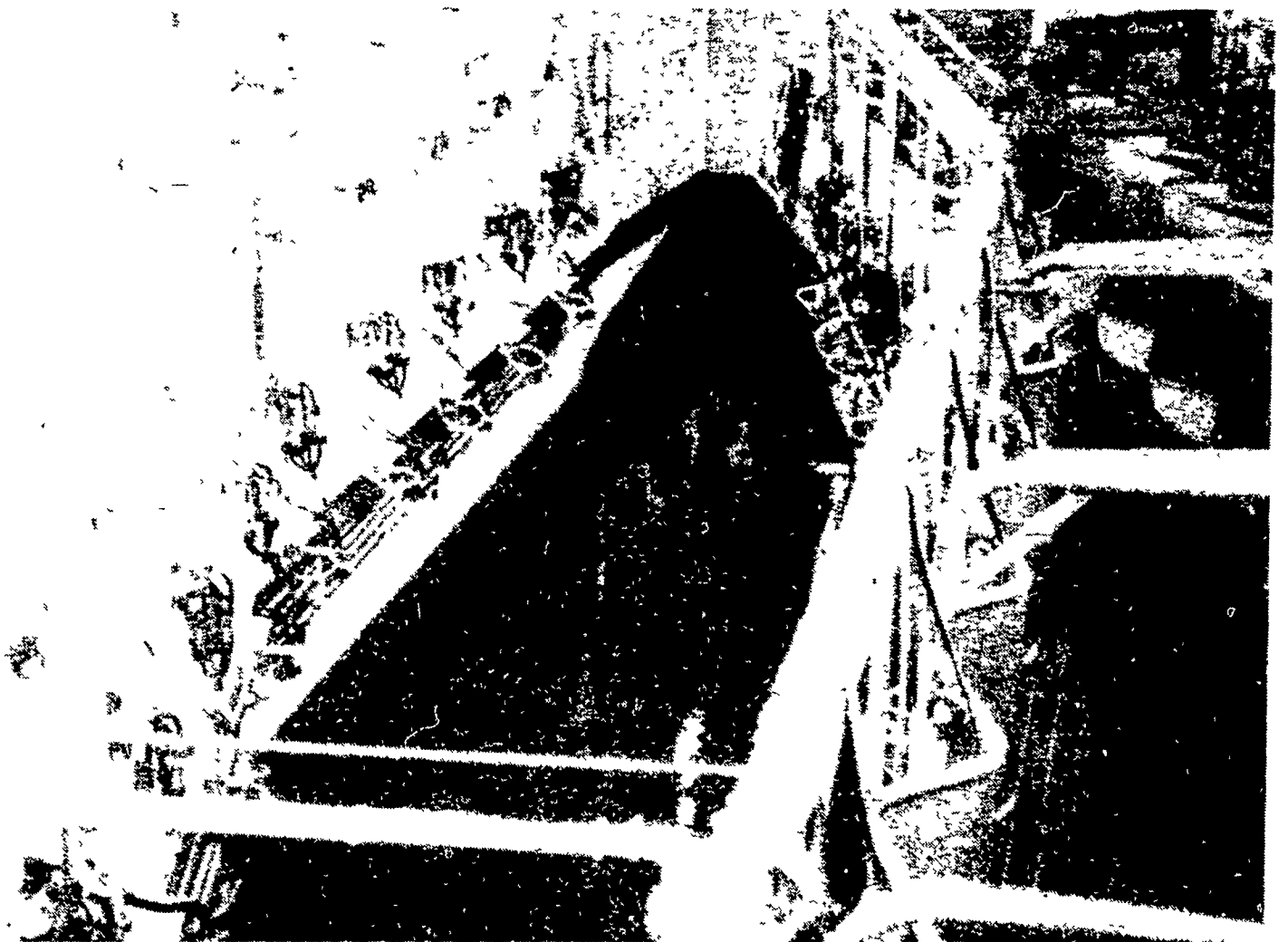


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The obvious bulge at center of parlor gives the double-ten herringbone its "pregnant" nickname. Design allows for easier cow movement at the Freys' Fair Hill Farm in Kennedyville, Md.



Pregnant herringbone

Birth of a new milkhouse idea

New setup allows smooth cow traffic in double-10

BY CURT HARLER
KENNEDYVILLE, Md. — Crop farmers have recognized for years that the only way to justify a big piece of equipment is spread it over as many acres and hours as possible.

Dairymen soon may come to think the same way about their milking equipment.

An operation like that at Fair Hill Farms Inc., in Kennedyville, Md., began to recognize the economies of scale as the Frey family planned expansion to 500 milkers, with three times a day milking.

That's why we went to

three times milking," says Ed Frey, who is in charge of the dairy end of the operation. "It gives greater utilization of equipment."

Ed farms with his brothers Ken, who does the field work, Robert, who is a vet, and his father, Edwin Frey.

"I think you get more milk from the same cows," Ed continues.

The three-times milking started last Monday. With 450 cows being milked at present, and the string expected to go to a full-capacity 500 when the remaining cows calf within the next 60 days, the Freys

hardly have to worry about generating enough milk. But getting it all collected in a smooth and efficient manner required loads of planning.

The result was installation of the first pregnant herringbone system in the East.

The system they settled on technically is known as a modified herringbone. But almost everyone calls it a pregnant herringbone because of the obvious bulge about mid-way down the parlor.

The double-ten pregnant herringbone at Fair Hill Farms was modeled on one owned by Tony Bos, Mira Loma, California, a friend of the Freys. It was there that they obtained a number of the ideas used in their setup.

What's the big advantage of a pregnant herringbone?

On a normal herringbone setup there is one gate to release all of the cows on each side of the parlor. It can

take a while for 10 cows to stroll out after being milked.

The pregnant herringbone has a gate in the middle as well as at the end so five cows can exit from each gate.

Although all 10 cows have to be released at the same time, there is a good savings of time with the two exits.

Since the milking units are equipped with automatic jetters, the milker easily can tell when the cows are ready to leave.

The setup was fabricated by Jones Dairy Service of Medford, New Jersey. The milking system is by Bou-Matic, the bulk milk cooling system by Dari-Kool.

Owner Bucky Jones is an active defender of a large dairy setup. "You have to think like they do in California," he says.

A man with 100 cows will have more money invested per cow in his milking equipment than the Freys do," he notes.

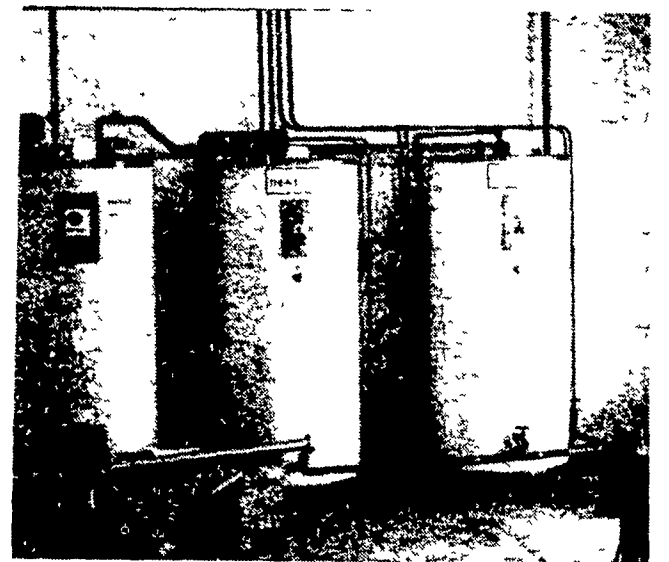
Ed Frey says what he paid for the parlor is irrelevant. "It'd be 20 percent more today with inflation," he says.

But a ballpark figure on the milking equipment itself, without plumbing and

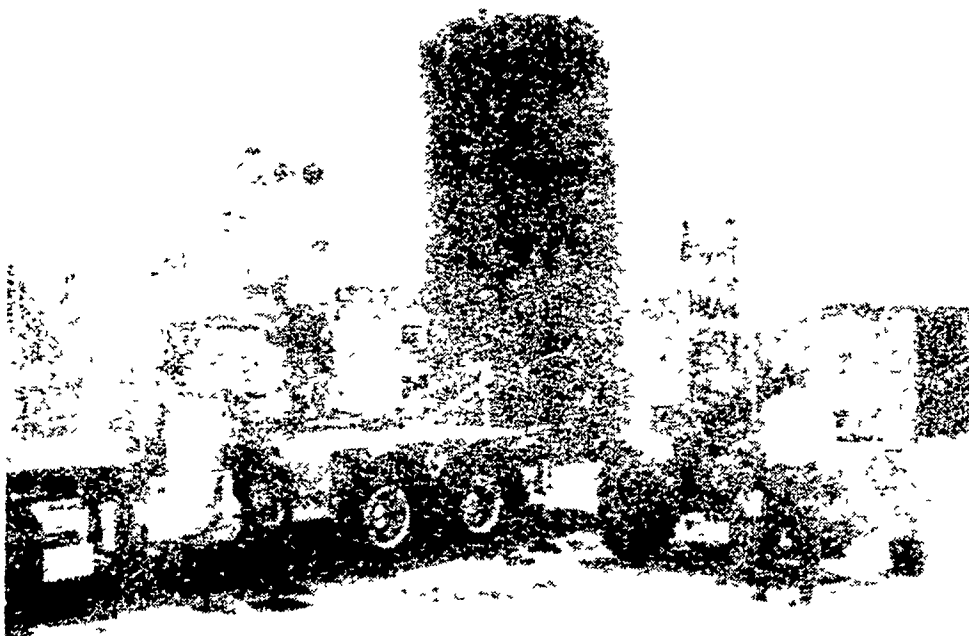
electrical, would be in the area of \$300 per cow.

Frey says he prefers to look at the pounds of milk taken from the cows per man hour. At present he is getting about 1000 pounds per man

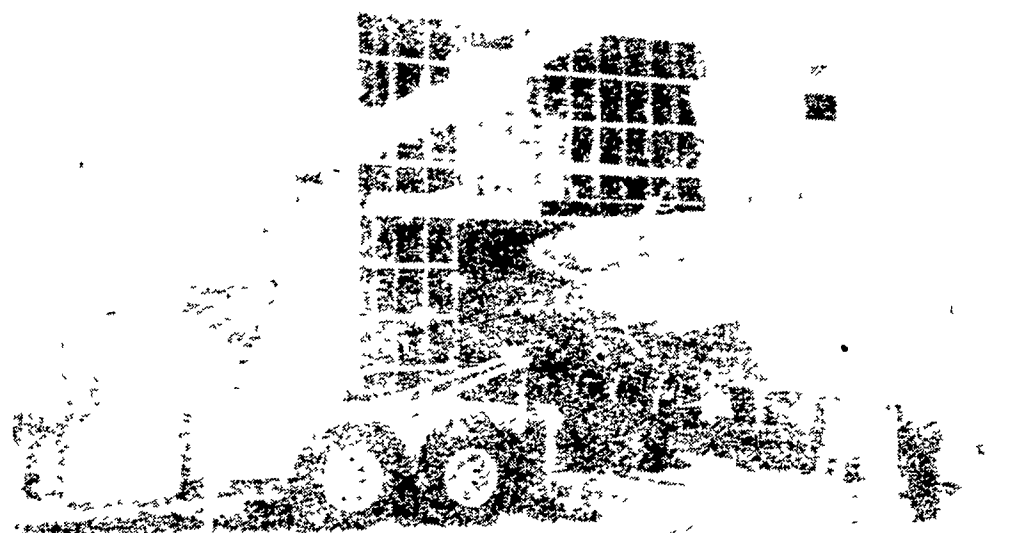
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A hot water heater and a pair of heat exchange units provide economical hot water for the dairy.



Because of the amount of water required by the flush system, the Frey Brothers installed a 4000-gallon holding tank to provide a reservoir.



This 4000-gallon bulk tank will be emptied on once a day pick up by Inter-State Cooperative.



Workers finished their chores early in September at Fair Hill farm. Construction had started on April 6, according to Ed Frey.

Pregnant herringbone

(Continued from Page A42)

hour. That may increase after the cows and the milkers get used to the system.

"I have had one man do 70 cows in an hour," he says, but adds that the figure could change.

Presently they are averaging 55 cows an hour, and that does include setup, cleanup and other chores.

Freys are milking with one man on each of three shifts. Men are working nine hour shifts on six of eight days.

In a system like Freys' a

man like the herd manager, Jay Lancaster, becomes important.

Milking starts for the cows in a holding area. A Rain Bird irrigation wash system cleans the cows off in the holding area. Groups of 125 cows are gathered by a crowd gate in the holding area.

The automatic crowd gate runs for 30 seconds.

Heat for the water is generated in a pair of Thermo-Stor heat exchange units. Cows then proceed through a single entrance where the milker can watch them all as they enter.

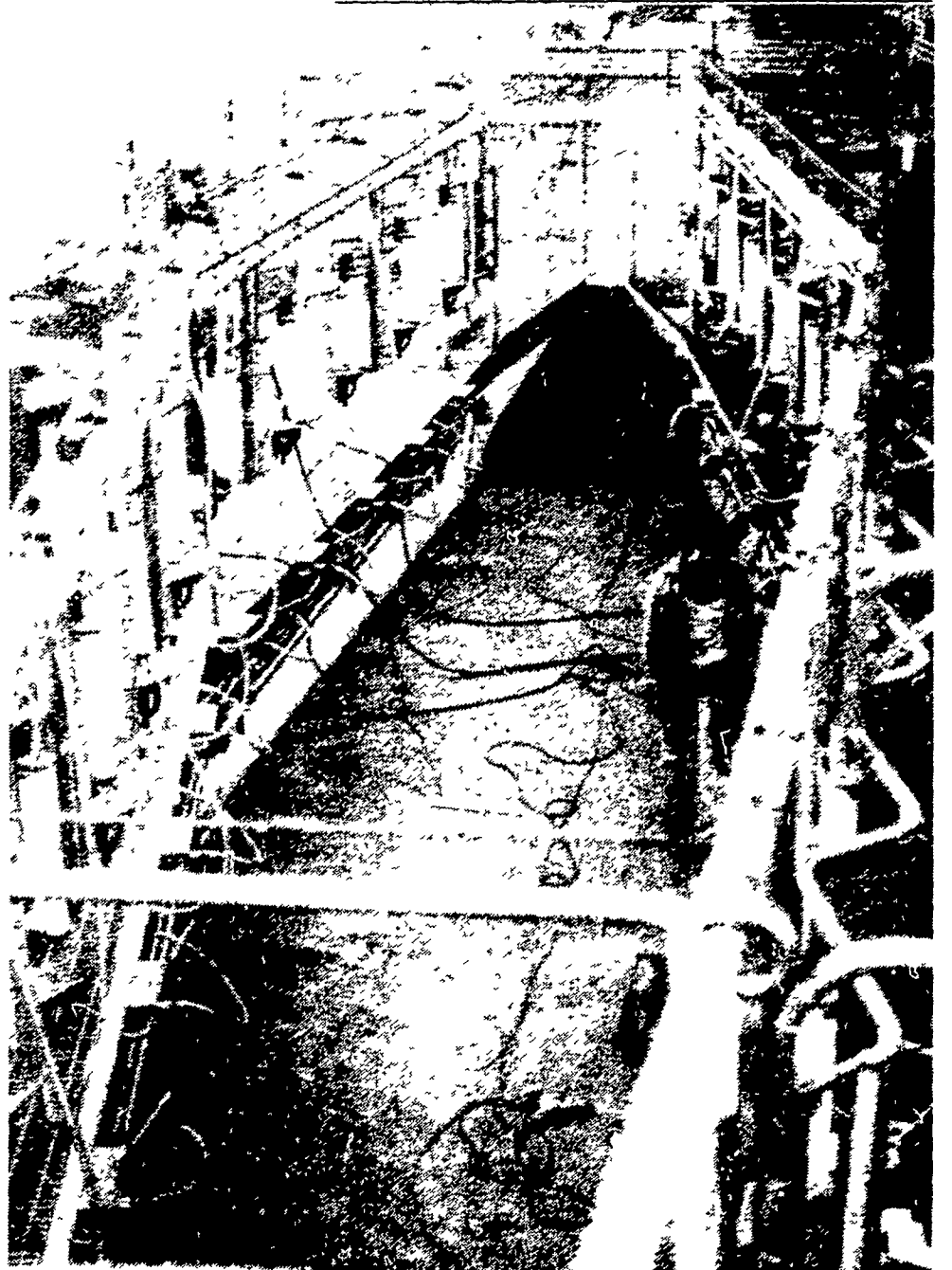
After the cows are milked and the milkers come off, all 10 of the milking units are backflushed by a Brown Equipment backflusher to clean out any bacteria any cow may have left.

(Turn to Page A44)

PENNSYLVANIA AGRICULTURE



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Because all cows enter from the same end of the parlor, above, the operator can see them as they enter and check for stragglers. The Freys figure one man will be able to run the parlor alone.

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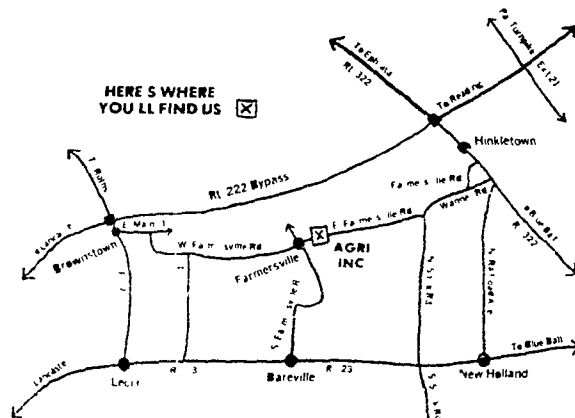
For information, call or write:

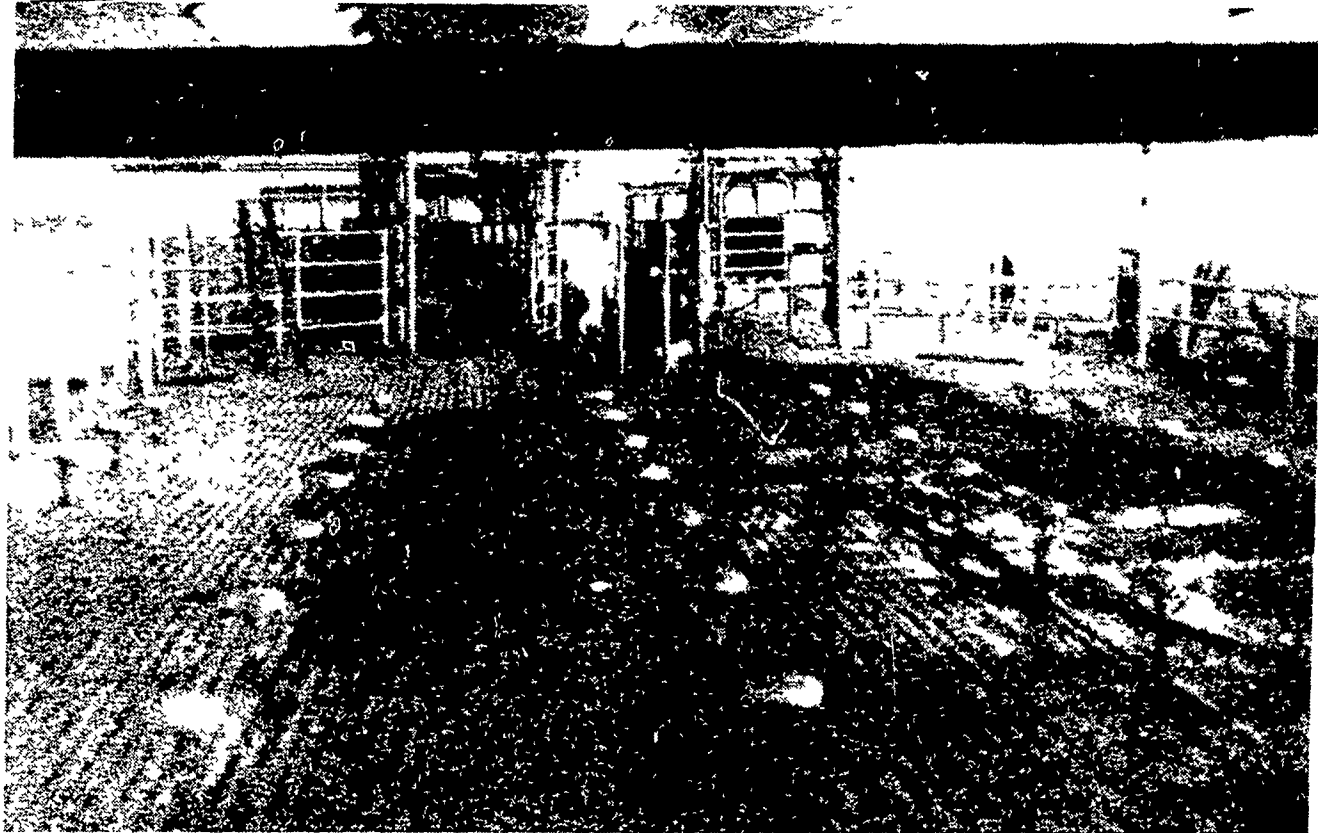


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Unique in this part of the country, the Rain Bird cow washing system cleans the milkers off. The

units are installed in the holding area outside the parlor

Charolais showcase coming up

HOUSTON 1X — Charolais activities in Denver will be a showcase for the breed during the 75th National Western Stock Show in January.

Seven scheduled events include the 2nd Annual National Charolais Sale, 3rd Annual Charolais Herd Bull Alley, 6th Annual National Charolais Junior Heifer Show, 7th Annual Charolais Penn Bull Show, 12th Annual National Charolais Show (AICA Area 4 Roll of Excellence Charolais Show), 24th Annual AICA Membership Meeting, and Charolais Night At The National Western Rodeo featuring the 1981 Parade of Charolais Champions.

The following is a schedule of Charolais events:

Saturday, January 17 8 a.m. - All cattle arrive

Sunday, January 18 8 a.m. - Mouth and check papers of all show cattle and pen bulls, 3 p.m. - National Junior Heifer show

Monday, January 19 7:30 a.m. - AICA breakfast

9 a.m. - Pen Bull Show

12:30 p.m. Lunch and AICA Party

Tuesday, January 20 8 a.m. - Female Show, 3 p.m. - Affiliate President's Meeting, 3 p.m. - AICA Membership Meeting, 5 p.m. - Charolais Publications, Inc. Board of Directors Meeting

Wednesday, January 21 8 a.m. - Bulls and Groups Show, 3 p.m. - 2nd Annual National Charolais Sale - Beef Palace Sale Arena, 7:15 p.m. - Charolais Night At The Rodeo With The Parade Of Champions

Thursday, January 22 8 a.m. - Group A of AICA Standing Committees Meeting, 11 a.m. - Group B of AICA Standing Committees Meeting, 2:30 p.m. - First Session of AICA Board of Directors Meeting

Friday, January 23 8:30 a.m. - noon - Second Session of AICA Board of Directors Meeting, Noon - CPI Board Session, 2:30 p.m. - 24th Annual Membership Meeting, 7 p.m. - AICA Awards Banquet

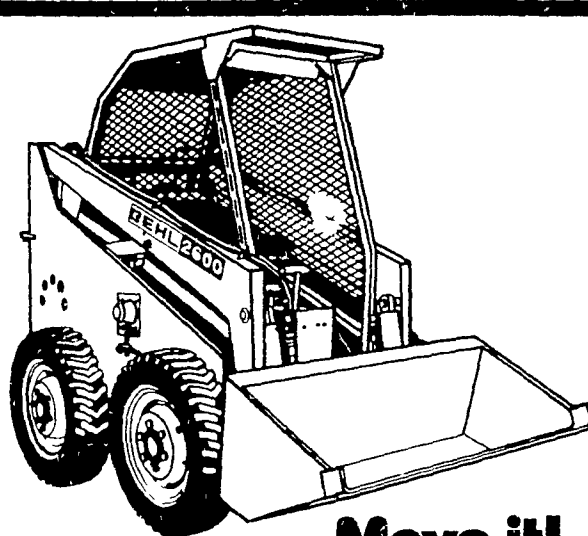
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Pregnant herringbone

(Continued from Page A43)

Later, a pair of 12-inch pipes flush the floors of the entire system from parlor straight through the holding area into a pit at the far end of the holding area.

Has it all gone smoothly at Fair Hill Farms?

So far, it seems, the expansion has been going well. Agri-Inc., of Farmersville, started building on April 6.

The first 100 cows were milked on September 8. For the past 30 days the Freys have had 450 cows through the parlor.

And, for the past two

weeks, they have been on three times a day milking.

Currently the Freys are installing a manure generating system and sometime in the near future they will be producing electricity using waste from their cows. It is another efficiency they are trying to build into the operation.

And as per cow efficiency becomes more important, it is likely dairymen will see more of their neighbors striving to realize economies of scale on equipment inside the barn as well as in the field.



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Most of you dairymen know that supplementing your cattle's diet is a mandatory part of any dairy operation. And you probably know that liquid supplementation is the most efficient (and therefore, least expensive) way of doing it. But, what you may not have considered is this: If you're not using a quality product, your efforts may be in vain.

Mol-Mix is made with the finest quality ingredients available, including those which are performance oriented to give you the results you're looking for. Yet these special ingredients, things like phosphoric acid, ammonium polyphosphate, corn distiller's solubles and condensed fermented corn extractives, are the very ones that many other supplements lack!

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Three Cecil county 4-H'ers are part of a 43 member Maryland delegation competing for national honors at the 1980 National 4-H Congress in Chicago, Nov. 30-Dec. 4. Representing Maryland in their respective projects are (left to right) Don Moore of Nottingham, Petroleum; Ellen Brown of Rising Sun, Achievement; and Thomas Barczewski of Elkton, Conservation.



Four Baltimore county 4-H'ers are part of a 43 member Maryland delegation competing for national honors at the 1980 National 4-H Congress in Chicago, Nov. 30-Dec. 4. Representing Maryland in their respective projects are (left to right) Richard Wolff of Owings Mills, Electric; Michele Hutschenreuter of Glen Arm, Consumer Education and Sarah Otto of Glen Arm, Home Management. Not pictured is Glori Stifler of Glen Arm, Citizenship.

4-H Congress

(Continued from Page A1)



Four Harford county 4-H'ers are part of a 43-member Maryland delegation competing for national honors at the 1980 National 4-H Congress in Chicago, Nov. 30-Dec. 4. Representing Maryland in their respective projects are: Bill Amoss of Fallston, Agriculture (left); and Alex White of Jarrettsville, Wood Science. Not pictured is Julie Amos of Street, Dairy project and Karen Holloway of Darlington, beef project.

ners are announced at the Thursday evening banquet, the 4-H'ers have a busy week to conquer.

Starting Sunday evening will be a musical program by the U.S. Air Force Singing Sergeants.

Monday will officially open the Congress with field trips to points of interest in Chicago. As one of the largest metropolitan areas in the U.S., this city is visited by 7.5 million people every year and provides tourists with many sites. Four-H'ers will have opportunity to see the Field Museum of Natural History, the Sears Tower

and the Chicago Board of Trade.

Also on Monday, and every day of Congress, will be workshops on personal development: Dressing for Success, Are You Your Own Leader?, Self TLC, Leisure Education; and personal relations, Survival with Class, Proper Etiquette for Today, Stamping out Stress, and Contemporary Lifestyles.

Wednesday will feature a fashion revue and a trip to the Art Institute of Chicago. The evening will be rounded off with a hot dog party sponsored by Ford Motor Co.

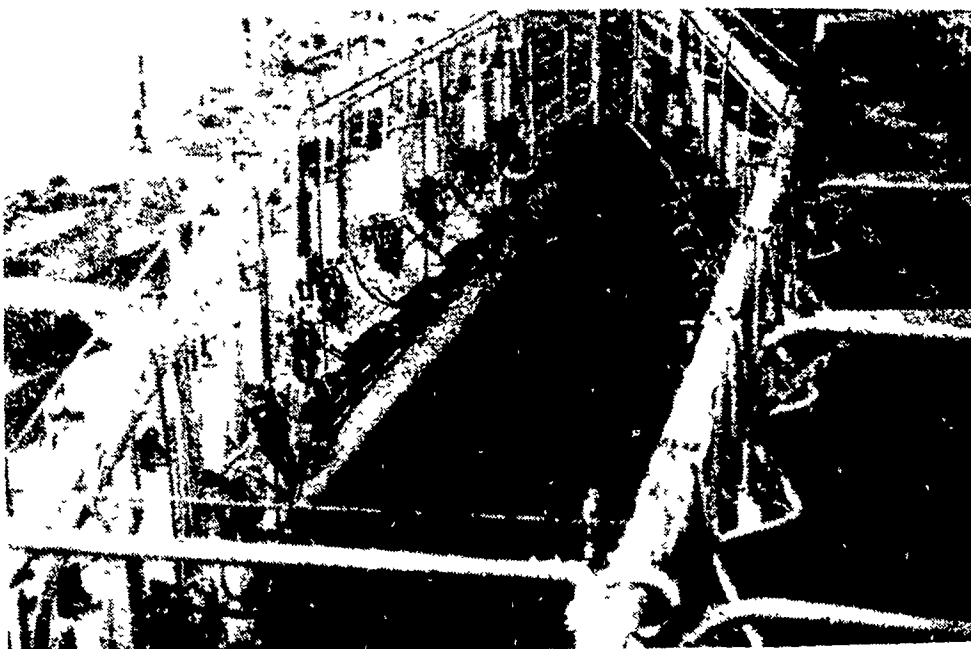
At the annual banquet all national winners and the six Presidential Award winners, chosen from individual program workshops during the week, will be presented to the entire delegation. Also, 287 scholarship winners in 42 programs will be announced. The scholarships total \$265,250 in value. Some 75 donors from well-known companies such as Firestone Tire and Rubber and Simplicity Pattern are contributing directly to the Congress program this year.

National 4-H Congress is conducted by the National 4-H Council, the Cooperative Extension Services of the

State Land-Grant Universities and the Department of Agriculture.

Just as all 4-H members have the same opportunity to earn their way to 4-H Congress, all youths in the nation have the opportunity to become a 4-H member provided there is appropriate leadership. Of the 5.2 million 4-H'ers in the country, 20.5 percent live on farms, 40 percent come from rural non-farm homes and towns of less than 10,000 to 50,000 population and 23 percent come from suburbs and cities of more than 50,000.

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Cumberland DHIA cites record-making cows

BOLING SPRINGS — Cumberland County dairymen last Thursday night met and honored a number of dairymen for their outstanding dairy production records.

Paul Strock, R9, Mechanicsburg, was recognized as having the high herd average in milk production. Paul's herd of 121 Registered Holsteins produced an average of 18,767 pounds of milk.

John F. Stoltzfus, R5,

Shippensburg, was recognized as having the top herd in the production of Butterfat. His 44 Registered and Grade Holsteins produced an average of 660 lbs. of Butterfat.

In addition, one of John's cows, Ess Creek Vista Double Gal produced a record amount of butterfat this past year. Gal produced 978 pounds of butterfat in the 305 day test period. John was also recognized as having the top two-year old record

in fat. Jody's record as a two-year old was 769 pounds of fat.

Milkway Farms, R5, Shippensburg, received the high cow in Milk Production Award for having Bonnie produce 27,894 pounds of milk in a 305 day period. The 1980 Cumberland County DHIA High two year-old in milk award went to Roy Smoke, R1, Shippensburg, whose 2-year old Olga produced 21,074 pounds of milk.

The award for the most improved production this past year went to Roy Coover, R1 Carlisle.

The Annual meeting and annual summary was dedicated to Corlan Farms, BE Martha, as a registered Holstein owned by Delmar Cornman. This mild mannered cow aided the county dairymen to bring part of the farm to school. As of the Spring of 1980, The Cumberland County dairy industry has presented their

program to over 18,000 students attending the 59 Elementary Schools in the nine school districts in the county.

Each student in kindergarten to fifth grade in the nine school districts has an opportunity to hear a dairyman discuss the importance of the dairy cow and the dairy farming for approximately 25 to 30 minutes. The dairyman presented the information to the students in groups of 40 in the school yard standing near "Martha the Cow"

Students had an opportunity to touch (pet) the cow as they left the presentation to go back to their class rooms to hear the Dairy Princess discuss the values of milk to one's diet and other interesting facts about milk.

It has been estimated that Martha attended school 41 days visiting 44 schools with enrollment of over 15,00 students. Galen Smith, Richard Lehman, M. Thomas Sheaffer, Donald

(Turn to Page A47)



Kenneth Zeigler, left, President of the Cumberland County Dairy Herd Improvement Association is shown with the 1980 DHIA award winners. Paul Strock, R9, Mechanicsburg was recognized for having the high herd average in milk production. Gary Hornbaker representing Milkway Farms received the high cow in milk production award for having their cow Bonnie produce 27,894 pounds of milk in 305 days. Roy Smoke, R1 Shippensburg, owned a two year old,

Olga, who produced 21,074 pounds of milk. And Roy Coover, R1 Carlisle, received the award for the most improved production this past year.

Garold & Teresa Skellett Harpersville, NY Complete Dispersal WEDNESDAY, DECEMBER 3

12:00 Noon

Sale to be held at the Whitney Point Sale Barn, Rt. 11, Whitney Point, NY. Use Exit 8 off I-81.

87-Registered & High Grade Holsteins-87

75 mature cows of which 30 are registered, out of sires such as: Lord Orlo, Alpine, Truvation, Cockney, Amigo, Cochran Sunshine, Apostle, and others. The milking herd consists of 16 recently fresh, 24 fresh July thru Sept. Some bred back and some ready to breed. 20 handling or bagging, 8 due March and April, balance in all stages, 11 heifers ranging from started calves to 7 mo. old, 1 registered started bull. You will find a good herd here that is on DHIA test with over 15,000 lbs. RHA. This being done with over 21 first calf heifers. Cattle have been blood and TB tested; pregnancy examined, shot for shipping fever and eligible for immediate interstate shipment day of sale.

Machinery

(It's Clean). JD 4000 diesel tractor with Heineker cab, nice shape, JD 3010 diesel tractor with Leon HD front end loader, chains, nice shape, JD 215 transport disc, new this summer and have only disked 15 acres, showroom condition, JD 1240 4 row plateless corn planter, Lamco self unloading wagon, 3 beaters with roof on tandem running gear, new this summer, JD 214 self unloading wagon, JD 34 manure spreader with hyd end gate, NI 56' skeleton elevator.

Milking Equipment - Surge Alamo 75 milker pump, electric pulsation unit, 3 DeLaval electric pulsation milkers, dumping station and hose, line dryer.

PS: All cattle and machinery have been moved for your convenience to Whitney Point Sale Barn.

Terms — Cash or one way check. Lunch Available.

GAROLD & TERESA SKELLETT

Owners

Mel Manasse, Sale Manager and Auctioneer
Whitney Point, NY
607-692-4540

PUBLIC SALE

of Valuable Real Estate
SATURDAY, FEBRUARY 7

@ 11 A.M.

108+ Acre Dairy Farm. Located along Rt. 419 in Tulpehocken Twp., Berks Co., Pa. 5 mi. north of Rt. 422 & Womelsdorf, 5 mi. south of Rt. 22 & Interstate 78 Rehrersburg exit.

REAL ESTATE

ZONING. Rural, 1 acre lots. Thousands of feet of road frontage on 2 roads. Approx. 130 acres tillable in a high state of cultivation w/48 acres in young and excellent alfalfa, 13 acres fenced pasture, 37 acres mature woods w/2 never failing streams & pond. Silt loam soil, high fertility, high PH, moderately deep, well drained, level to gently sloping, base. siltstone, impure limestone, grey and brown calcareous shale.

HOUSE 3000+ sq. ft. just completely & distinctly refurbished sub-structure to finish. 1st flr. - kit, din. rm, den, liv. rm, full bath & laundry. 2nd flr. - 3 very large bdrms., vestibule, 2 full baths & closets. 3rd flr. unfinished bdrn. Finished basement w/utility bath & game rm. Dynatherm oil/hot water baseboard heat. All copper plumbing w/top line Kohler fixtures & water softener. Armstrong flrs & Lees & Milkin w/w carpet throughout, incl basement. Fully insulated, all storm windows & much more.

OUTBLDGS: All outbldgs. freshly painted & in excellent repair. Bank Barn 45x90 Starline Stanchions for 30 cows, 2 lg heifer pens & barn cleaner. Milk house w/400 gal Mueller bulk tank, bunk feeder shed 63x33 w/3 silos attached, 20x30 Harvestore, 16x60 Star poured concrete, 14x50 H & H, all unloaders in excellent cond. 3 car garage, independent 200 AMP service, house, barn & shed each w/separate breaker panels & generator hookup. Exceptional water supply from 180' well.

Terms: 10% dn. day of sale, settlement on or before April 30, 1981. Inspection by appt. Call: HORNING FARM AGENCY, INC 215-286-5183

Terms By,

RIDGE CREST FARMS

Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa
215-286-5183

SHORT NOTICE SALE PUBLIC SALE

FARM MACHINERY — HORSE TACK
FEW HOUSEHOLD GOODS
SATURDAY, DECEMBER 6

10:30 a.m.

Located 1/2 mile west of Gum Tree, Chester County, PA - 6 miles south West of Coatesville — 4 miles south of Parkesburg. Turn east off Rt. 10 unto Friendship Road, go to Stottsville Road turn north.

John Deere 50 tractor, good condition, good rubber; New Holland 202 ground drive manure spreader, good shape; John Deere 127 rotary mower, 3 pt., 5 ft. cut; dump trailer; tractor chains; 3 pt. scraper blade; barbed wire wheelbarrow; metal feed bins; Speedaire sand blast gun with hopper kit; new section base board heat; new light fixtures; Curto fly sprayer; 2 Knap Sac sprayers; chemical liquid feed pump; new mower parts; wooden barrels; 35 watt Dayton generator, 110-220 with 4 cycle Briggs gas engine, electric start; Dayton 10 amp. battery charger; Ajax electric welder; Dayton 10 h.p. riding mower; transaxle with electric start; wind breaker for John Deere 50, 200 ft. plastic cover; 30 ft. wooden extension ladder; step ladder, 6 new mail boxes; 2 new stallizers.

Horse Tack & Blankets. Saddle Benches

Western rough out cutting saddle matching breast plate and tie down, 2 full size English saddles, 1 English pony saddle 2 New Zealand turn out blankets, bridles, bits; girths, saddle racks, 2 saddle benches, Westinghouse heavy duty automatic washer, front load; G E refrigerator, many items not mentioned out of tack room.

HOUSEHOLD GOODS

Dayton dehumidifier, old fashioned fire place mantel, vinyl sofa bed, Kenmore electric sewing machine; upright safe. Frigidaire automatic washer. Round fire place screen. electric lamps, new stuffed animals, 12 piece glass punch bowl set, crystal apples. new animal planters, many dishes and small items out of house and garage.

TERMS BY.

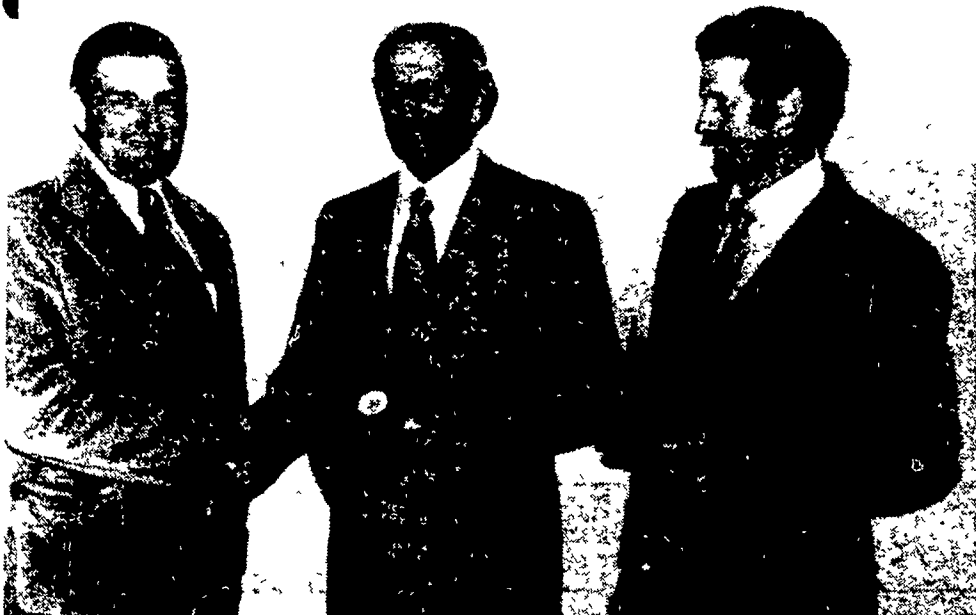
WILLARD & TOBY LANGENDORF

AUCTIONEERS
Steve Petersheim
215-869-2508
Everett Kreider

AUCTIONEERS' NOTE: Items well maintained



President of the Cumberland County DHIA, Kenneth Zeigler, is shown with Gary Hornbaker and Roy Snoko. Hornbaker represented Milk Way Farms with their plaque for having the high milk production record for 1980. Roy Snoko, R1 Shippensburg, was recognized for having the high producing 2 year old cow.



Kenneth Zeigler is shown presenting Paul Strock, R9 Mechanicsburg, with a plaque recognizing Paul for having the County's high herd in milk production. Joking on at right is Roy Coover, R1 Carlisle, who was recognized for having the greatest increase of production over 1979.

DHIA (Continued from Page A46) McCullough, Tim Potteiger, Cornman have also provided Ed Showaker and Paul cows for this activity.



COMPLETE DISPERSAL ESTHER & LESTER HOOVER REGISTERED AND GRADE MILKING HERD DISPERSAL

FRIDAY, DECEMBER 12, 1980

12:30

To be held at Smoketown Quality Dairy Sales Co., Rt. 340-5 mi. East of Lancaster & 5 mi. West of Intercourse.

Selling at Beginning of Sale - Magnetic - DeLaval Milking Equipment - 2 unit 35 lb. pails. "A-1 Shape, Ready To Go." 1 - Stainless steel strainer, 1 - 16 qt. Tote Pail & 1 - 14 qt. pail.

Private sale of milk tank - 255 gallon - DeLaval with a timer. Vacuum Pump and Line, all in good shape. There are Purebred and Grade cows in this herd. Sires include:

- * Kingpin Supreme - Bred to Proud Performer. Dam was Elevation Sandra.
- * Crescent Beauty Charm-Twin, Bred to Tri Town Shadow Wave.
- * Cobble Farm Killian - Bred to Tri Town Shadow Wave.
- * Pretz Burke Idol - Bred to Coldsprings Astro Bootles.
- * Dean Wallace Security.
- * Don Augur True Type Model.

Herd is certified and accredited with a 4% creamery test. Never on DHIA test. This is a group of cows that were well taken care of. Cows are in all stages of Lactation. Sold close to \$30,000 of milk last year. Cows checked for pregnancy. Herd has cows for all kinds of buyers.

The Hoovers have been in the dairy business for 40 years, and with great reluctance are discontinuing.

Plus one load of Registered and Grade cows and heifers out of New England states and Canada.

Cows milked at regular time.

Cash or good check day of sale.

Sale by,
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Carl Diller, Auctioneer
Henry Kettering, Pedigrees

"Free Coffee & Doughnuts for the Dairymen"



Marcy Gehman, second from right, and Tim Pfautz, second from left, received champion and reserve champion awards, respectively at the Lincoln Community 4-H capon roundup, Wednesday. Standing with them are members of the Rotary Club, who sponsored the event and reserve trophy, and the Spring Glen Farm Kitchen who sponsored champion trophy.

Gehman captures first

EPHRATA — Marcy Gehman captured first place for the second consecutive year at the Lincoln Community 4-H capon roundup, last Wednesday.

Marcy, who was also reserve champion two years ago, sold her 12 pound capon for \$9 per pound to David Eaby.

Reserve honors went to Tim Pfautz. His capon

weighed 10 pounds and sold for \$6.50 per pound to Ken Senseng.

Kerry Boyd, 4-H member for ten years, was judge for the event. Auctioneer was Wilbur House.

Seven other members participating in the roundup sold their capons for an average of \$4.00 per pound. Members and their capons' selling price per pound are:

3 John Bollinger, \$5.50; 4 Mike Pfautz, \$3; 5. Andy Gehman, \$2.25; 6. Andy Graybill, \$2.50; 7. Dwight Graybill, \$2.25; 8. Randy Fox, \$3; 9. Ed Redcay, \$2.

The Ephrata Rotary, who sponsored the event, donated the reserve champion trophy and prize money for all contestants. Champion trophy was donated by Spring Glen Farm Kitchen.

Md. pork producers approve continued check-off

ANNAPOLIS, Md. — Maryland pork producers who voted earlier this month have approved continuation of a check-off program for their commodity.

The vote was 166 for to 41 against, representing an overwhelming 80.2 percent margin of approval according to Tom Butler, Marketing Specialist, with the Maryland Department of Agriculture.

Votes were cast in 18 of the state's counties. No votes were recorded from Garrett, Allegany, Harford, Cecil and Kent counties.

As a result of the referendum, effective January 1st, 1981, each hog

sold for slaughter in the state of Maryland will have 20 cents checked off at the point of first sale.

"All hogs" include finished hogs, sows, boars, cull animals and swine of any type sold for slaughter. "Point of first sale" for slaughter includes the sale of hogs enroute for slaughter through auction markets, commission firms, dealers, slaughter houses or buying stations.

The check-off does not, however, cover custom-slaughtered hogs.

There is a refund provision whereby pork producers who do not wish to participate in the program can file in

writing for a return of assessments made against the hogs they have sold. The actual deduction for the assessment is automatic and is done by the sales agency or buyer involved.

Those with specific questions about the program are invited to contact Maryland Pork Producers Association President Russell G. Watson, R3, Box 238, Brandywine, MD., 20613 (301/579-6844); or Donald Morrison, Rural Rhythm Farm, Dayton, MD., 21036 (301/286-3351).

Maryland pork producers first voted in a check-off system in 1975. The monies raised through the program are used for product promotion and betterment purposes and is similar to many other voluntary producer check-off programs in agriculture.

WISE'S COUNTRY AUCTION



**SATURDAY,
NOVEMBER 29**

7:00 P.M.

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Elvin Siegrist, Auctioneer

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If no answer 786-4289

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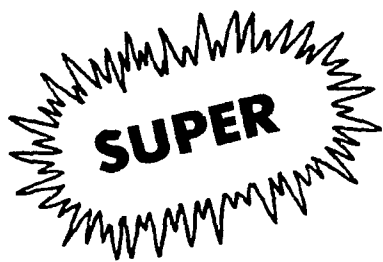
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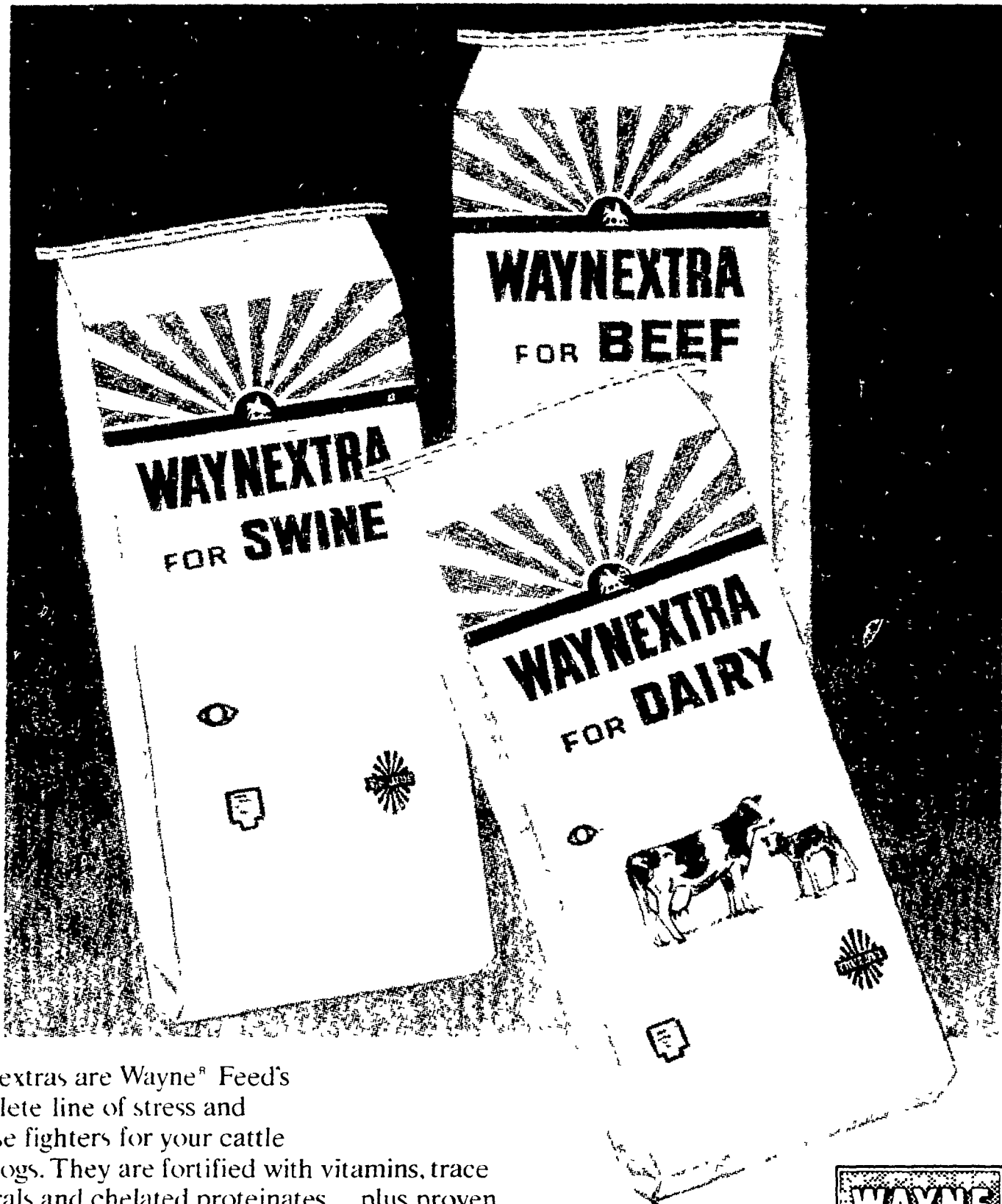
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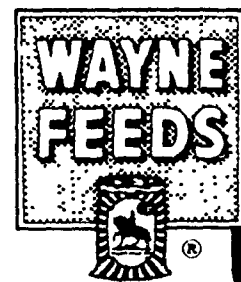
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Agronomist sees new approaches to hay marketing

HERSHEY — Modern production technology has resulted in much higher alfalfa hay yields in Wisconsin according to Dwayne Rohweder, University of Wisconsin's extension forage agronomist.

"However, the use of this improved technology has also caused hay surplus which can't be absorbed through present hay market facilities," Rohweder said, "so we've developed new approaches to market this hay."

As a result of a recent hay marketing study in Wisconsin, we've been able to characterize the hay market in Wisconsin, Rohweder continued.

For example, major hay sources were crop and dairy farms while the greatest share of hay sold was by in-state and out-of-state dairy persons. Nearly three-fourths of the hay bought was from storage and 90 percent was shipped by truck.

Furthermore, 75 percent of the dealers' hay was sold

more than 100 miles from their place of business or out of state.

The study also revealed that dealers identified color as the major factor influencing price, followed by maturity. On the other hand, farmers bought hay according to its leafiness, percent legume, and maturity.

One of the programs developed to bring hay producers and buyers together during an emergency was the

Wisconsin Hay Hotline. An analysis of two years' transactions showed that farmers do buy hay according to quality and desire a more formal market system based on quality.

This project initiated a computer network facility in county extension offices throughout the state of Wisconsin, Rohweder reported.

Hay purchase practices of the College of Agricultural and Life Sciences - University of Wisconsin-Madison - were also revised this year, the specialist noted.

Two hay grades from the American Forage and Grassland Council hay standards are currently being used. Bids are let quarterly and are based on chemical specifications for each grade. A premium and discount system is used to reward improved quality.

New hay grades and new methods to reduce bulk and transportation costs have been used to improve hay purchase programs, Rohweder concluded. Continued work is underway to formalize the hay market.

Silage to continue important as feed

HERSHEY — The production of silage as an important source of livestock feed will continue in the 1980's with few changes from the practices of the 1970's.

Improvements in structures and equipment will take place, and some changes in management of facilities will be needed, said Roger Grout, Extension agricultural engineer at Penn State.

The new item for silage packages is the use of a pressing machine to push silage into a king-sized

plastic bag. These bags are eight feet in diameter and 100 feet long, holding about 100 tons of silage.

"Preliminary trials indicate excellent preservation of silage. At Penn State, the silage in bags has stayed at a temperature of about 90°F. to give good retention of crop quality and availability of protein," the agricultural engineer points out.

He notes that with any system, bagging has some problems. At present, feeding and handling silage out of the bags has not been

perfected. There has been considerable damage to the plastic bags by farm animals, people, and rodents, with resulting spoilage.

"The filled bags are too large to be moved, so silage removal is carried out by cutting away the plastic bag, using a tractor scoop for loading," Grout emphasized.

It is desirable to fill the bags on a paved area to prevent contamination by dirt under the bag, he added.

More forage additives

HERSHEY — During the 1980's, farmers will make increasing use of chemical additives and preservatives in their forage program.

This prediction was made by S. J. Hartung, manager of factory marketing for Deere Company, at the 20th Anniversary Forage Conference held this week in Hershey.

"The economics must be proven, but the digestibility of roughages such as straw and low quality hay can be considerably improved by treatment with chemicals such as ammonia or sodium hydroxide," Hartung emphasized.

The Deere Company official stated that we may even now be seeing the beginning of a trend to use chemicals in the field to maintain or improve the quality of the harvested crop.

Organic acids and anhydrous ammonia are already used to safely bale partially cured hay. This reduces leaf loss and results in higher quality.

"We have known for years that freshly cut alfalfa can be squeezed to release high protein juices. When processed, these juices become a high protein concentrate that can be fed to animals or consumed by humans," he said.

Some people have speculated that alfalfa juice may be handled similar to the way bulk milk is handled today.

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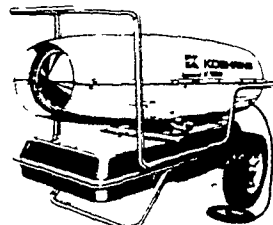
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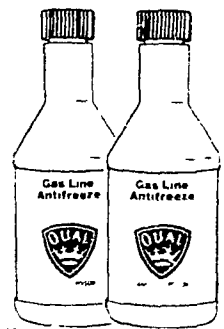
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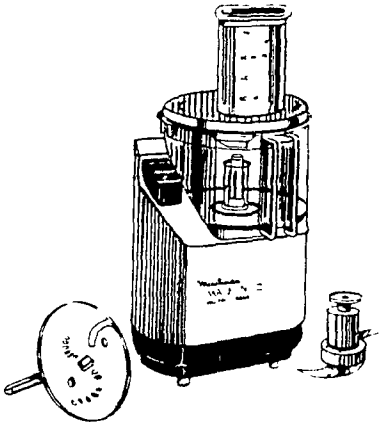
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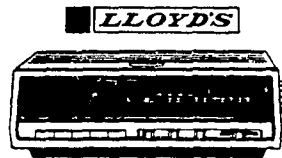
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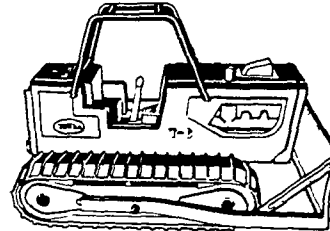
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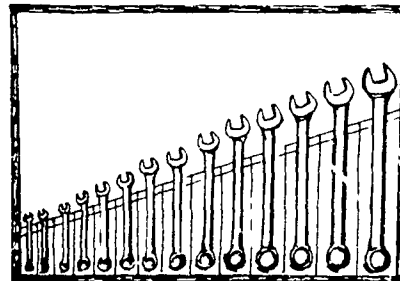
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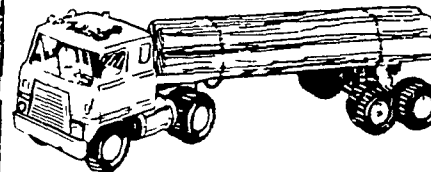


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5010000-168 Green

Insulated Quilted Vest
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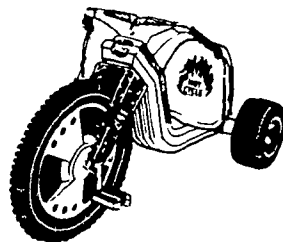


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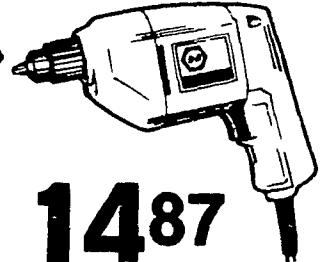
ERTL TOYS



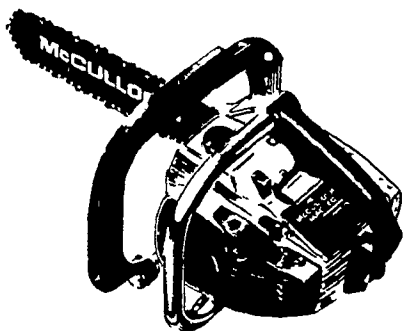
13⁶⁷
Reg. 15.49 / SAVE 1.82
23916-013
Tool Kit
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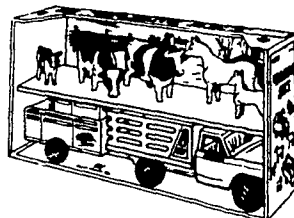
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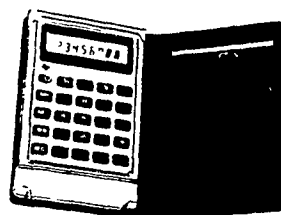
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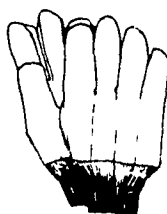
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MAC 110 Chain Saw
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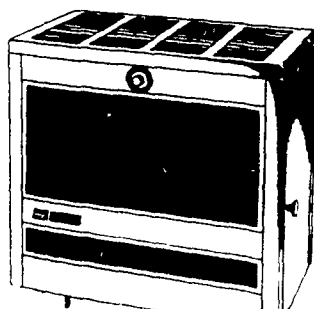
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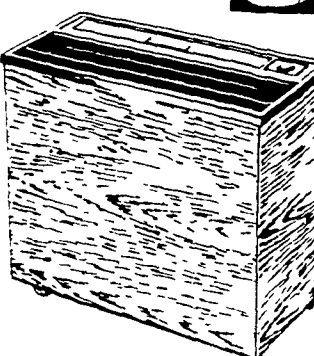
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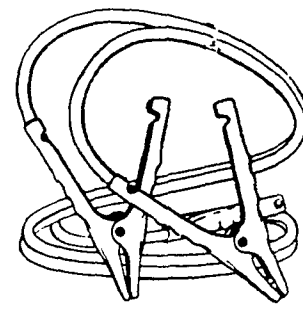
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Speakers discuss challenges in alfalfa production

HERSHEY — To insure that alfalfa continues to be a major factor in animal agriculture in the 1980's, it will be important to eliminate the use of low-yielding, obsolete varieties and insure genetic diversity. This was reported by A. A.

Hanson, director of research for W-L Research, Inc., Highland, Md., at the Pennsylvania Forage and Grassland Council's 20th Anniversary Forage Conference held this week.

"It is imperative that we

reduce damage from plant pests through advances in developing multiple pest-resistant varieties and by the effective application of improved pest management programs," he emphasized.

The research agronomist

also noted that we must maintain balanced research programs designed to increase the value and total contribution of this important crop.

Andy Bell, ranch manager for J.G. Boswell Company,

Corcoran, California, also a conference speaker, said that complete weed is absolutely necessary for continual production of certified alfalfa seed.

"To achieve control, we must think in terms of rotation first, and then the use of chemicals, cultivation, and hand weeding where necessary," he points out.

The ranch manager also emphasized that the future price the farmer has to receive for his production, and the price the hay farmer pays for his seed will depend on our ability to combat the many insect problems we have while at the same time insuring crop pollination.

"An exciting aspect of research on any crop is the part of the results that is totally unpredictable. Unforeseen breakthroughs in breeding, growth modeling, pesticides, and forage

utilization could drastically change the way alfalfa is grown," noted R.R. Hill, Jr., USDA research agronomist at Penn State's Pasture Research Laboratory.

Another unpredictable aspect of alfalfa research in the next decade is our reaction to the unknown, new pests that may develop, he noted.

A prime justification for continual support of alfalfa research is to maintain an ability to react to the unknowns of the future.

Theme of the conference was "Forages in the 80's."

Solar hay drying saves energy, quality

HERSHEY — Solar hay drying not only saves energy but also increases hay quality, points out Vernon Vahlkamp, a commercial hay grower from R2, Carlyle, Illinois.

Vahlkamp, who dries 500

tons of alfalfa annually, figures his solar drying system costs \$8.10 per ton for high moisture hay. And, by harvesting at between 25 and 40 percent moisture, the leaves are saved, thus, improving quality.

He noted that he installed solar collectors on the north and south walls of his drying shed. Drying the hay bales is accomplished by turning the bales up on one end forcing air up through them.

"The solar collector is

working better than anticipated," he said. "Of the 18 million BTU energy available for 10 hours of collection in mid-July with nine fans running, 7.9 million BTU of energy are being used to dry the hay."

The Vahlkamp operation is cash hay. The market is local dairymen. The solar dried hay is sold at a premium of \$15 a ton which more than pays for drying and the investment. Saving hay from the weather is hard to figure, but \$10 a ton is used. But, an \$8.10 per ton drying expense will return \$25 worth of hay for each ton.

The commercial hay grower points out that dairymen feeding solar dried hay are noting increases of 2 to 4 pounds of milk per cow each day. This means a profit of \$56.80 per cow when feeding the solar dried hay.

"Moisture levels can be reduced to 10 percent with this solar drying system. This makes it possible to pellet, cube, or high density bale even in humid areas," Vahlkamp added.

How to produce top alfalfa yields

HERSHEY — How do you produce top alfalfa yields?

This question was answered by farmers who kept records as part of the Alfalfa Growers Program sponsored by Pennsylvania State University's extension service.

"Perhaps the best measure leading to high yields is a summary of

production practices of top growers," said John Baylor, Penn State Extension agronomist.

In 1978, the top 10 growers used a total of six known high-yielding varieties, and in 1979, a total of five varieties.

All growers both years planted alfalfa on well-

drained soils. Lime and fertility programs for establishment and maintenance were based on soil tests. High application of manure in the rotation before alfalfa resulted in generally high levels of potassium.

Baylor noted that each of the top 10 growers in 1978 made four cuttings. One grower in 1979 cut five times, the others harvested four times.

The average cutting interval was 36, 39, and 45 days between cuts one and two, two and three, and three and four, respectively in 1978.

Mother Nature was more of a factor in 1979. The respective cutting intervals were 39, 36, and 46 days, respectively.

All top growers in 1978 sprayed for leafhoppers and other insects at least once. Seven growers sprayed two or more times.

In 1979, the frequency of spraying for insects was less, with three growers reporting almost no insect damage.

"We now that leafhopper populations in 1979 were down slightly in some areas. But we also know that the insect management program set up by Extension entomologists has helped top producers keep a closer eye on the build-up of insects in their fields," the agronomist emphasized.

New technology to give instant ration

HERSHEY — Instant forage analysis and ration formulation are being taken directly to farmers through near infrared reflectance (NIR) technology, it was reported by John Shenk, professor of plant breeding at Penn State.

Shenk, a speaker at the Forage Conference held Monday and Tuesday in Hershey, noted that a nonochromater-based NIR instrument placed in a van along with a dryer, grinder, and computer software, can not only tell the farmer instantly how to supplement his forage for a given level of animal production, but also provide information on the cost-effectiveness of feeding different forages.

"The formulation from the van computer lists not only the recommended ration for each hay but also lists the

cost of supplementing the mixture with corn grain, soybean meal, calcium, and phosphorus," the Penn State specialist emphasized.

"The NIR van provides the unique opportunity to interact with farmers," Shenk points out.

"The operator can help the farmer interpret the analytical results and apply them to his particular operation."

High moisture forage and feeds can be analyzed in seven to 10 minutes. Two minutes are required to analyze low moisture hay and grains.

"We believe that an NIR van serving the needs of livestock feeders in a community will be a necessity in the 1980's to keep pace with rising feed costs and low profit margins," he said.



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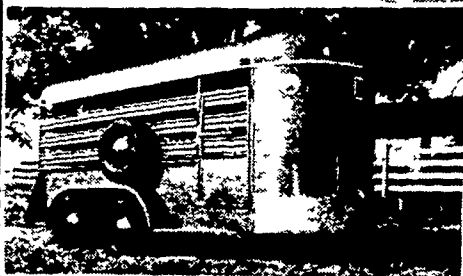
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High moisture grains keep poorly

HERSHEY — High moisture grain must be used as feeds for livestock and have poor keeping qualities when removed from the silo, reports H.W. Harpster, assistant professor of animal science at Penn State.

The animal scientist, a speaker at the 20th Anniversary Forage Conference held this week in Hershey, noted that farmers who feed dry grains will normally have the option of merchandising grain on the cash market if this should become more profitable than feeding livestock.

This opportunity is usually lost with high moisture grain.

"Storing high moisture corn involves more risk than dry corn storage, especially if good ensiling practices

have not been followed," Harpster emphasized.

"The farmer must be careful to match the size of the silo to the feeding operation. A sufficient quantity of material must be removed daily from the top so that spoilage is minimized."

One of the key advantages of producing high moisture corn is harvesting earlier in the year. Earlier harvest also facilitates more complete recovery of the refuse for feeding or bedding, he added.

The dustiness sometimes encountered in dry grain rations is avoided and properly ensiled high moisture grains are highly palatable and relished by cattle.

Their wet nature

minimizes the separation of ingredients when the ration is placed in the feed bunk.

Harpster noted energy yields per acre are maximized with whole-plant harvesting, but when more concentrated forms of corn are fed, animal rates of gain are higher, thus reducing nonfeed costs.

"In trials with growing and finishing beef cattle, improvements in feed efficiency of six to 10 percent are often found in comparisons of high moisture versus dry grains. And, high moisture corn grain appears to be equal to dry grain in rations for lactating cows," he said.

Use silage additives only under special conditions

HERSHEY — Certain materials added to silage such as non protein nitrogen, cereal grains, molasses, whey, and limestone will increase the concentration of nutrients, however, only

under special circumstances can they be recommended.

"None of these materials is essential to good silage formation when moisture concentration and storage conditions are right," said Neal P. Martin, extension forage agronomist at the University of Minnesota.

A speaker at the Forage Conference held in Hershey, Martin emphasized that when conditions do not permit wilting of high quality legumes or grasses, add cereal grains or dried whey.

Non-protein nitrogen addition to corn silage for lactating dairy cattle is suggested. Select the most economical NPN source, he added.

"The addition of limestone is not suggested unless high nitrate silage is ensiled. High nitrate silage will have more nitrate broken down during fermentation," he said.

Preservatives such as lactic acid, bacteria, sodium metabisulfite, mold inhibitors, antibiotics, salt, enzymes, mineral acids, and others will influence fermentation less than improved management, Martin noted.

"There is no substitute for good management. This includes harvesting at proper maturity and moisture concentration, chopping fine, storing in a properly sized structure, distributing the material evenly, and filling rapidly and packing to exclude air," he emphasized.

Cattle on feed down 3%

LANCASTER — Cattle and calves on feed November 1 for slaughter market in the seven states preparing monthly estimates totaled 7.79 million head, down three percent from a year ago and 16 percent less than November 1, 1978, according to the Crop Reporting Board.

Marketings of fed cattle during October totaled 1.58 million, down 4 percent from last year and 15 percent below October 1978.

Placements of cattle and calves on feed in the seven states during October were 2.25 million, off 6 percent from last year and 19 percent below October 1978.

Net placements of 2.12 million were off six percent and 19 percent, respectively, from last year and two years ago.

Other disappearance totaled 130 thousand compared with 144 thousand in October 1979 and 153 thousand in 1978.

4-H to hold hoedown

HAMBURG — The Berks 4-H County Council will hold a hoedown and modern dance at the Hamburg Field House on Saturday, November 29 from 8-11 p.m..

Music will be provided by "The Majestics". Tickets may be purchased from any

4-H member or they may be bought at the door. The dance is open to the public.

The proceeds from this dance will go towards the 4-H Center which will be constructed behind the Berks County Agriculture Building on the outskirts of Leesport

Other fund-raising projects for the center will be the sale of bird seed and calves. The bird seed consists of either cracked corn, a seed mixture or sunflower seeds. It may be purchased from any 4-H member as long as the supply lasts.

HOLIDAY SPECIALS



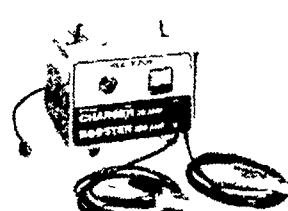
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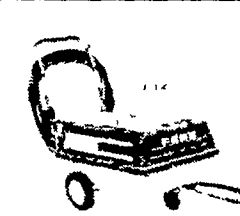
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Poorly preserved silage lowers animal intake

HERSHEY — Many times depressed intakes of ensiled materials or a total mixed ration may be related to poorly preserved silage or haylage.

"When inadequate acids are present to preserve the material, it will heat and deteriorate," said Richard

Adams, Extension dairy specialist at Penn State.

A speaker at the 20th Anniversary Forage Conference held Monday and Tuesday in Hershey, Adams noted that generally the pH of good corn silage should be in the range of 3.5 to 4.5 while good haylages should run

from 4.5 to 5.0.

Usually these will have an adequate bunk life when removed from the silo reasonably close to feeding, he said. Higher pH material may heat and deteriorate with adverse effects on intake and performance.

"Sometimes problems

occur because material is removed from the silo too far in advance of feeding. Too often farmers fill silage carts or mixing wagons the night before feeding the next morning. Excessive heating may occur," Adams emphasizes.

In other cases, too little silage is being removed from large silos, particularly horizontal ones in the summer. Sometimes it is necessary to feed as often as three to five times a day to keep down heating and attain a good intake and performance.

The problem on some farms, the dairy specialist pointed out, may be caused by failure to close hatches on bottom-unloading silos. Shelf-life of many silages will not exceed 12 to 24 hours after removal from the silo.

"There is a distinct advantage in dry matter and nutrient conservation inherent in ensiling. This, coupled with the ease of handling and feeding, particularly on farms with one or two operators, are reasons enough to further expand putting up silage, haylage, and ensiled grains," Adams said.

Decorating hints conserve energy, money

LITITZ — A few simple decorating hints can help you conserve energy and money year-round.

Members in the national 4-H home environment program, conducted by the Cooperative Extension Service, and supported by the S&H Foundation, Inc., suggest the following guidelines for creating comfortable and carefree living spaces:

- Textiles, for example, can be used in the home to help maintain thermal comfort. Many of the principles that apply to fabric selection for garments can also apply to home decorating.

- Select fabrics with nap,

texture or pile for cold weather because these textiles will feel warmer than smooth fabrics. For hot weather, select absorbent fabrics, such as cotton blends, which have smooth surfaces that are cool to the touch. Non-absorbent surfaces, like plastic and leather, will not absorb perspiration and eventually feel wet and sticky.

- Carpeting also plays an important role in conservation at home. Carpets and rugs keep floors warm in winter and cool in summer. For uninsulated floors above an unheated area, carpeting provides good insulation. The insulating ability of a carpet is determined by

thickness and pile density, however, a pad under the carpet can add more insulation.

Boys and girls, nine to 19, in the program, apply energy efficient techniques as they relate to housing, furnishings and equipment in the home. They also develop an appreciation of and skills in care and preservation of old and new housing, furnishings and accessories.

4-H'ers who excel in the program are eligible for awards, donated by S&H, and arranged by National 4-H Council.

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Cheese

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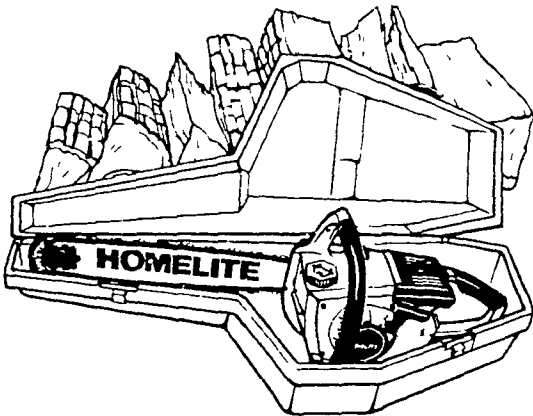
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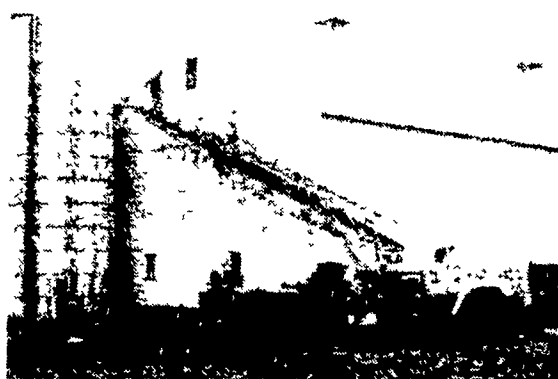
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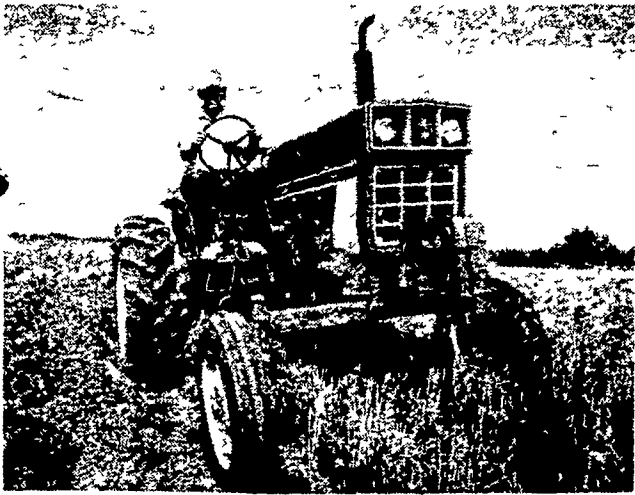
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Farm Business News

Named sales star

INTERCOURSE — International Salestars, a nationwide recognition program for new agricultural equipment salesmen, has announced a winner at C.B. Hooper & Son, Inc., Intercourse a local dealer for International Harvester farm equipment.

Paul J. Boyer is the District winner for the month of September and joins an exclusive organization of Salestars

His total sales to date in 1980 have qualified him to compete for regional honors this fall with other winning salesmen in the 16 states of the Northeast Agricultural Equipment Region. This is the second time Paul has received this monthly special recognition.

"Salestars" was introduced to the company's dealers for their new salesmen - especially those recruited and trained during

1979 and 1980. It is a part of the I.H. Upward Bound salesman's development program, an ongoing company training plan unique in the agricultural equipment industry.

Each year new sales employees at dealerships are eligible to participate in various "I.H. subsidized product and sales training classes. Such classes are held at both regional locations and at the I.H. Resource Development Center for North America

located in Ottawa, Illinois. Additional sales guidance continues at the local dealer level. The "Salestars" program is a further effort to help the sales person deal more effectively with the farmer's changing needs - and is one more indication of International Harvester's commitment to be Number 1 in the agricultural equipment industry. Each salesman competes for top honors within his District and Region, and you can bet that.



Paul J. Boyer, right, receives his sales star award from sales manager Tom Yohe.



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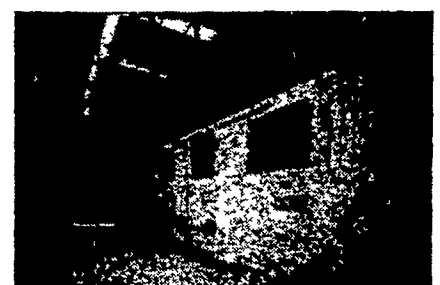
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New compact utility diesel tractors introduced by John Deere include the 650, at left, and the larger 750.

Deere introduces utility tractors

MOLINE, IL — The 1981 John Deere line of compact utility tractors includes two new models, the 14.5-PTO-hp 650 and the 18-PTO-hp 750. Powered by diesel engines, both feature a sliding-gear transmission with eight forward and two reverse speeds. Mechanical front-wheel drive and power steering are optional.

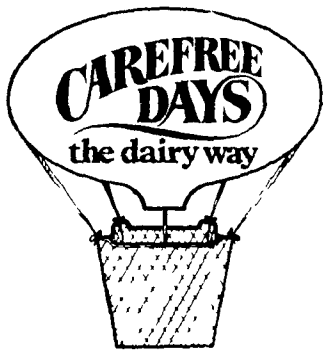
The new 650 has an 11.3-inch ground clearance, enabling it to ride over curbs when used in grounds maintenance work. The front wheel tread is fixed at 32.7 inches, but the rear wheels can be set in two positions — either 31.5 or 35.4 inches apart.

The 650 delivers 14.5 hp at the PTO from a 2-cylinder, water-cooled 52.1-cu.-in. diesel engine. The standard 540-rpm rear PTO with overrunning clutch is driven from the transmission. Forward speeds run from a creeper gear of 0.7 mph to a top transport speed of 10.3 mph. Reverse speeds are 0.7 and 3.1 mph.

The 750 Tractor provides a ground clearance of 15 inches, making it useful in

commercial gardening applications. The fixed-tread oscillating front axle places the wheels at 35.4 inches. The rear tread can be increased from 35.4 to 39.4 inches.

The 750 is powered by a 3-cylinder, water-cooled, 78.2-cu.-in. diesel engine. It delivers 18 hp at the PTO. The standard 540-rpm rear PTO with overrunning clutch is transmission driven. Travel speeds range from 0.8 mph in first gear to 11.4 mph in eighth gear. Reverse speeds are 0.9 and 3.9 mph.



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errors.

Topics covered include living and working zones, soil structure, drainage, waste management, feedlot runoff, driveways, feed system distribution and design, and silo capacity. It also deals with prevailing winds and solar exposures.

Railoc manufacturers silage storage and feeding systems including Herdbuilder silo roofs, hardware, unloaders, augers and

feeders.

For your copy of the kit,

contact Railoc Company, Inc., Plainfield, IL 60544.



Big bale handler for pickup

GALENA, Ks. — A big bale handler that fits any pickup truck is now being produced by Wadler Manufacturing Co., of Galena, Kansas.

The rig mounts in all truck beds and is outfitted with a portable, 12-volt winch that has a 300-pound capacity. A bale can be speared, lifted, moved and removed by remote control from the truck's cab.

The pickup bale handler is

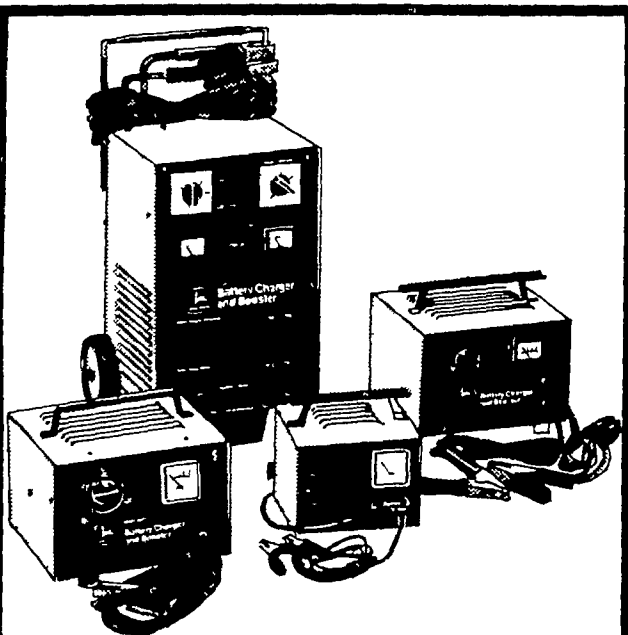
designed for fast assembly and removal. Either job can be done in seconds. The side rails, bale spear and rear frame are secured with quick hitch pins and an instant-coupling hitch.

The bale spear also can be used on a three-point hitch. The entire unit weighs 219 pounds and is load rated at 2000 pounds. The portable winch comes equipped with a 50-foot cable and a snatch block for double cable hook-ups.

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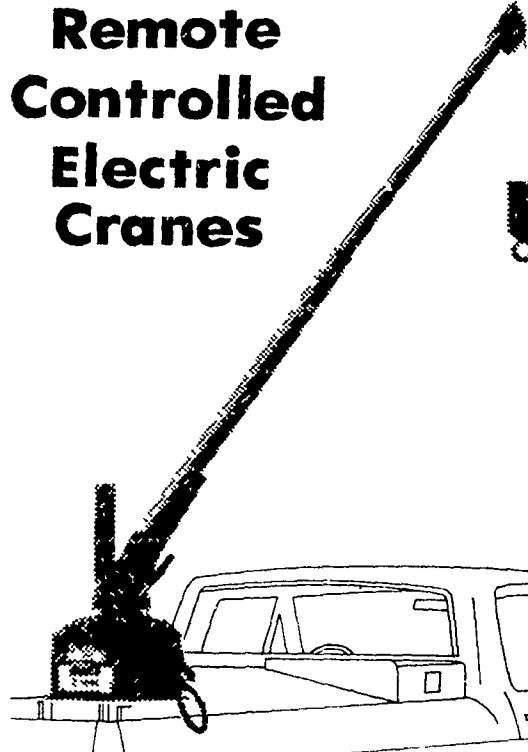
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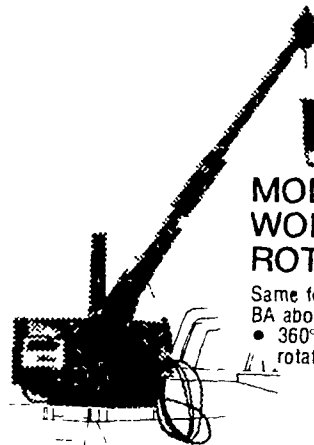
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Berks County holds Farm-City tour

BY LAUREL SCHAEFFER
Staff Correspondent
BERNVILLE — Berks County citizens had the opportunity once again to visit several farms and

agribusinesses within the county as the Berks County Farmers' Association sponsored their annual Farm-City Week Tour. Participating in the

Sunday program were 12 rural enterprises including several dairy farms, an organic goat farm, a jug store operation, a couple of general farms, a farm

equipment dealer, horse training and breeding farm, mushroom producer, meat market and an orchard.

Cooperating with the farmers' association and helping as tour guides were the county 4-H clubs, Future Farmers of America and the Berks County Extension Service.

Roy Christman, chairman of the event estimated the number of people visiting the local farms and agribusinesses reached several hundred. The open

house, which has become a popular annual event is publicized mainly through flyers handed out by the thousands to elementary schools throughout the county. The literature contains the businesses participating in the open house giving brief descriptions and directions to their location. It also contains a detailed map with the locations of the participating businesses and farms marked.

One of the popular stops

listed on the tour was Peter Brothers Meat Market, Lenhartsville. Visitors to this establishment were given a guided tour beginning at the unloading dock where livestock is brought into the market, through the holding barn, slaughter room and on through the processing rooms to the final destination within the store, the retail market.

Tourists were briefed on the different steps involved

(Turn to Page B10)



Christman hospitality at Ro-Ria Farms included giving hot chocolate and pretzels.



Tim Peters, guide of Peters Bros. Meat Tour, showed guests the slaughter room and stunning gun used on cattle.

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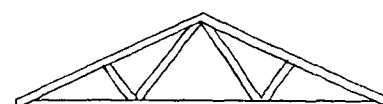
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Farm-City tour

(Continued from Page B9)

in processing various kinds of meat, shown the smoke house, curing vats, and large coolers containing hanging beef.

They were told that 35 to 40 head of cattle and approximately 50 head of hogs are processed in the market per week. This includes the custom slaughtering also performed at Peter Brothers Meat Market.

The business was established in 1940 by William and George Peters, who have since retired, and is presently owned and operated by Donald and Geraldine Peters. It is one of the few remaining independent slaughtering operations left in Pennsylvania.

Peters Brothers specializes in a complete line of products offered in the "Pennsylvania Dutch Tradition." A second retail market has been recently opened in the Allentown area of Cetrana.

Another favorite stop and one of the few farms participating every year is Ro-Ria Farms, Shartlesville.

Guests to this large dairy farm get to observe a carousel milking parlor in operation from a balcony as well as see calves and large farm machinery.

This operation was started 35 years ago by Roy and Gloria Christman and now also boosts the second and third generations living on the farm and carrying on the Ro-Ria through Ronald and Faye Christman and their four children.

All of the other stops along the tour also offered interesting aspects of the rural Berks County farming community offering something different at each stop.

Harold and Eleanor Burgert opened the door of their general farm first settled in 1733. Located near Fleetwood, this is one of the oldest farms in the county and a former stage coach relay station. The present home was built in 1771 and the farm is 120 acres. The Burgerts raise cows, steers, hogs, chickens and ducks and also have many cats.

Danvale Farms, Rerhersburg, is another

dairy farm participating in the tours for several years. It consists of 380 acres and is operated by Lilhan and Daniel Harnish. A new Trigon milking parlor with a capacity of twelve cows at a time recently installed, along with free stall barns, corral pens, and loose housing were offered for inspection on this tour.

Del-James Farms, Hamburg operated by Delores and James Adam and their children, James, Cheryl and Jan also hosted their urban neighbors. This farm is a dairy and general crop farm. The Adams milk 150 cows in a Boumatic Carousel milking parlor with magnetic feeders, and raise their calves in calf hutches.

Their daughter Christine, a vo-ag teacher also continues to help in her spare time.

New on the tour this year is Featherhill Farm, Lenhartsville. This is a 125 acre farm devoted to Quarter Horse training and breeding run by Arlene and Audrey Heme, daughter Karlene and grandson Scott. Featherhill Farm was started 32 years ago and is also the home of Featherhill Tack and Western Wear Shop. The farm house dates back to 1811.

Another interesting stop was Gaetani Brothers Mushrooms, Temple. This operation was started in 1949 and is run by Silvio and Joe Gaetani and their children. Houses are located in two locations and cover 200,000 square feet of growing space to produce "a lot of mushrooms."

Ontelaunee Orchards, Leesport, opened their doors to the new controlled atmosphere fruit storage building where 64,000 bushels of apples can be stored for the tour. Visitors were also welcome to the new retail outlet owned and operated by the orchard. Acreage includes 825 acres of apples, 200 acres of peaches, and 35 acres of other fruit.

Alton Rohrbach, Shoemakersville, and wife Noan and children, operate a 107 acre farm called Lacy Acres. The Rohrbachs milk 37 cows, are raising about 35 head of young stock and also have chickens, ducks, and hogs.

Shartlesville Farm Service, Shartlesville, started by Daniel H. Wenger 25 years ago, now includes

three sons, Dale, Larry and Gary Wenger. Daniel started his business from parts in a shed and now can boast of the new building presently occupied. The Wengers showed visitors large farm equipment, garden tractors, snow mobiles, and the hundreds of small parts located in the store.

Triple Creek Farm,

Rerhersburg, owned and operated by Steve and Claire Day is an organic goat farm where raw goat's milk is produced, and distributed in a seven county area through health food stores. Presently the day's milk 40 goats and have a total herd count of approximately 100. Also on the farm is a flock of about 50 black sheep whose wool is

used for spinning.

Way-Har Farms, Bernville, started 32 years ago by Arthur and Carrie Leshar is presently an 800 acre modern dairy farm and Jug Store Operation, operated by their sons, Wayne and Harold Leshar. The Leshars milk 110 cows and have a total of 270 cattle on the farm.



Two young visitors took time out to play with goat at Ro-Ria Farms. Back is Jennifer Leigh Smith, and front, Jennifer Schaeffer.

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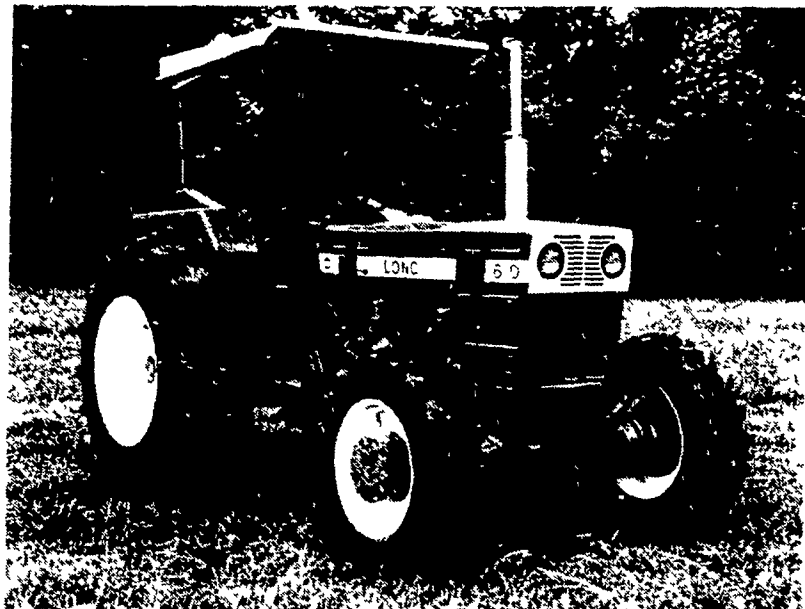
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Berks 4-H beef club holds annual banquet

KUTZTOWN — Berks County 4-H'ers and their parents gathered at the Kutztown Grange last Saturday to honor their own during the annual Baby Beef Club Banquet.

Following a delicious 4-H Baby Beef dinner catered by the Grange and the introduction of guests and 4-H club leaders by club president Liane Haas, and county agent Clyde Myers, the large group was entertained by a program entitled "Downhome Enjoyment" presented by members and parents.

However the highlight of the evening, as far as the 4-H members were concerned, was the presentation of awards. Receiving the trophy for Grand Champion Steer was first time champion winner - Carol Strause of Hamburg.

Darlene Dietrich, also of Hamburg, was presented the Reserve Grand Champion trophy for the performance of her steer at the County Round-Up and sale held earlier in the season.

Darlene also received awards for Senior showman and Senior Blueform, while Carol received the Senior Fitter award and also the Senior Project Book award. Cheryl Adam, another

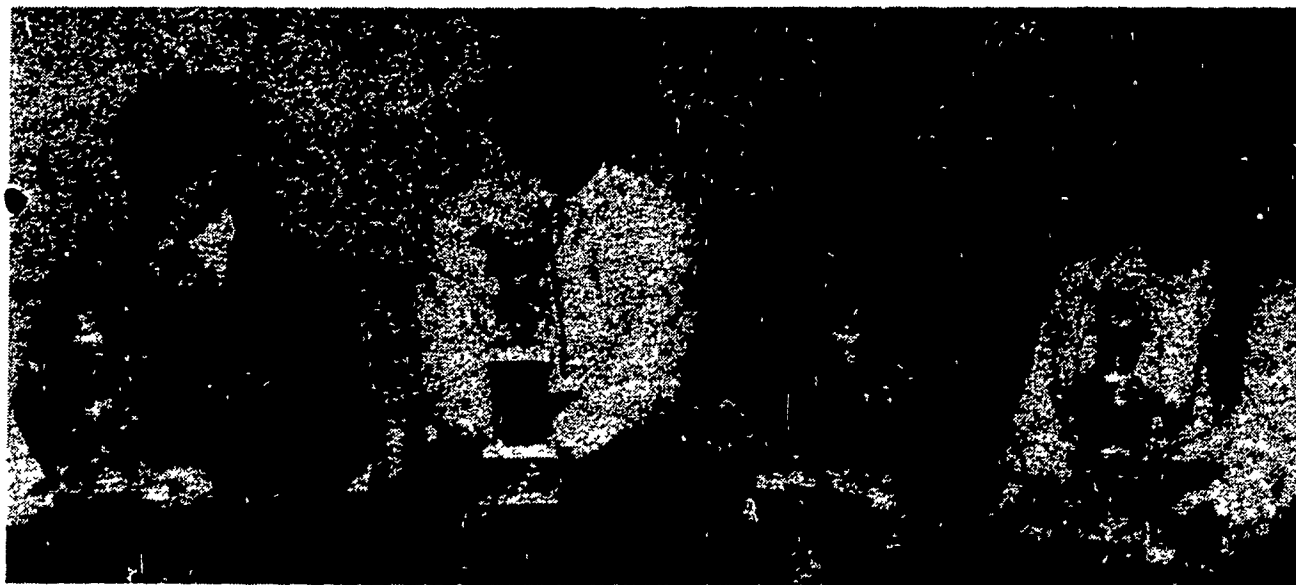
resident of Hamburg, received an award for Most Total Weight Gained and Kent Fisher, Oley, was honored for his Champion Heifer. Kent also received awards for Champion Junior Fitter, Junior Project Book.

Kent's older brother Kirk also took an award home. Kirk's award was for his Intermediate Blueform. Thirteen year old Kenianne Rarick, Reading Rd., was presented with awards for Intermediate Showman, and Fitter, and Reserve Champion Heifer.

Champion Junior Showman was Mary Ann Yanos, Douglasville, also cited for her Junior Blueform. Lynn Lorah, Douglasville, was awarded for the best Intermediate Project Book.

These trophies were sponsored by the following: Berks-Lehigh PCA and Federal Land Bank, Shoemakersville; Agway, Leesport; F.M. Brown's Birdsboro; Van-Mar Feeds, Shoemakersville; Mogel Brothers Feeds, Hamburg; American Bank, Reading; Montgomery-Bucks Farm Bureau, Souderton; J.V. Farms, Douglasville; R. and W. Feeds, Centerport; Diesel Service, Inc.,

(Turn to Page B12)



From left, Kent Fisher, 10, Junior Fitter and Champion Heifer; Kenianne Rarick, 13, intermediate showman and fitter; Cheryl Adam, 18,

most total weight gained; and Mary Ann Yanos, 11, junior showman, were honored at the Beef Club Banquet.

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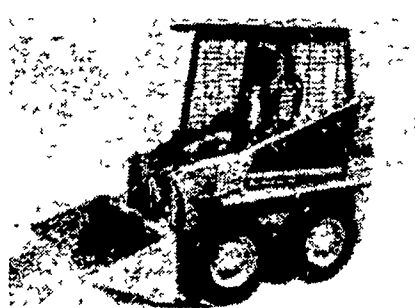
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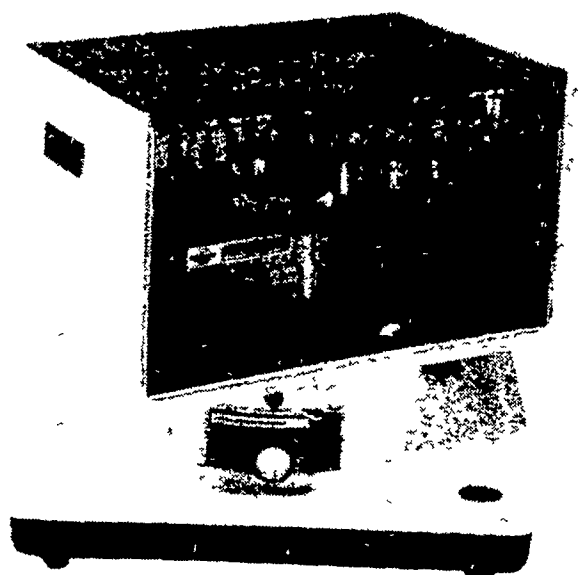
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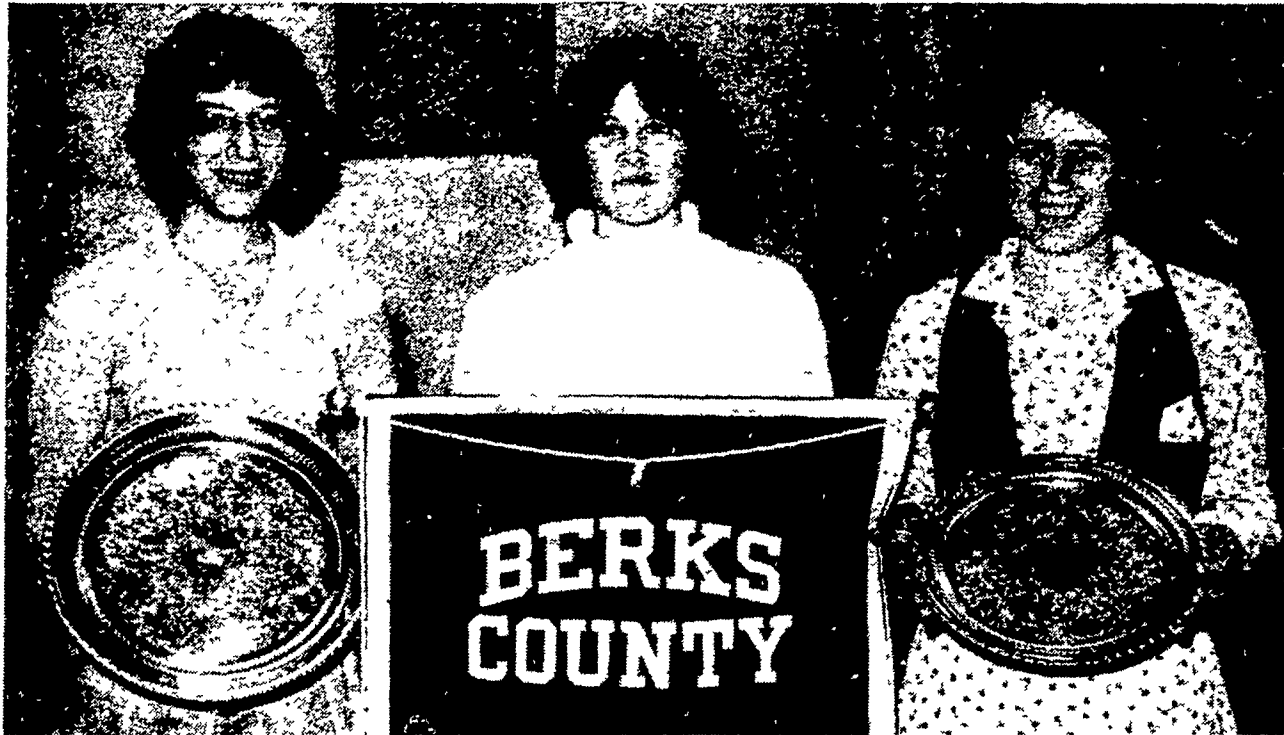
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Carol Strause, left, grand champion steer exhibitor; Liane Haas, club president; and Darlene

Dietrich, reserve champion steer exhibitor, were honored at the annual dinner.

Buck season to open December 1

COUDERSPORT — Pennsylvania deer hunters, accustomed in recent years to white-tail harvests of over 100,000 animals, should have another good season this year in the Keystone State, according to reports filed by field officers of the Game Commission.

The regular two-week antlered deer season will open one half hour before sunrise on Monday, December 1, and close at sunset on Saturday, December 13. The regular statewide antlerless deer season is scheduled for Monday and Tuesday, December 15 and 16.

Pennsylvania's total 1980 pre-hunting season deer population, numbering about three-quarters of a million animals, is slightly higher than last year's total, wildlife managers report, mainly due to a mild winter last year and increased fawn production this year.

The Game Commission is hopeful that hunters will report taking at least 60,000 bucks and another 60,000 antlerless deer this year. Food shortages could

develop in case of a severe winter in the coming months in some sections, and an underharvest of deer this fall could result in higher-than-normal winter mortality.

Last year, hunters reported tagging 58,864 bucks and 55,930 antlerless whitetails, for a total harvest of 114,794.

All deer hunters this year will be required to wear at least 100 square inches of fluorescent orange material, either on the head, or on the chest and back combined. A cap contains 100 square inches of material.

Both fluorescent orange caps and vests or coats are recommended by the Game Commission, not only for safety, but also to make it easier to keep tabs on other drivers and watchers.

A hunter may take only one deer per hunting license year, and he or she cannot kill, or attempt to kill, a second whitetail.

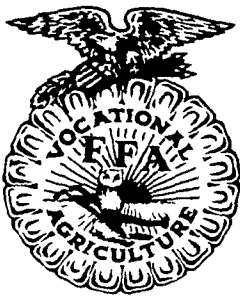
To be a legal buck, a deer must have two or more points to one antler or have one antler at least three inches long.

Not more than 25 persons

are permitted to hunt deer in a single party, and groups of five or more hunting whitetails in unison must maintain a big game hunting roster.

Hunters must tag their deer within one hour of killing and before the animal is removed from the spot where it was taken. A detachable big game tag is provided with each hunting license. The tag must be separated from the hunting license, filled out and kept tied to the deer while it is being transported, hung at camp or temporarily placed in cold storage.

A deer is not properly tagged if the entire hunting license is removed from the hunter's back and attached to the deer.



4-H beef

(Continued from Page B11)

Reading; Glenn Miller, Construction, Hamburg; Boscov's Stores, Reading; Mr. and Mrs. Pete D'Angel, Douglasville; Creutzburg, Inc., Paradise; and First National Bank of Fleetwood.

The Club officers also stressed their sincere thanks

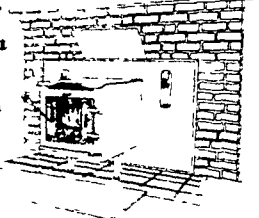
for the support of their buyers during the Baby Beef sale held earlier during the year.

Also noted were the following members taking steer to the 1981 Farm Show held Jan. 12 to 16: Exhibiting steers will be Kent Fisher, Oley; Jim and Ronald Heffner, Fleetwood; Kenianne Rarick, Reading Rd.; and Troy Werley, Shoemakersville.-LS.

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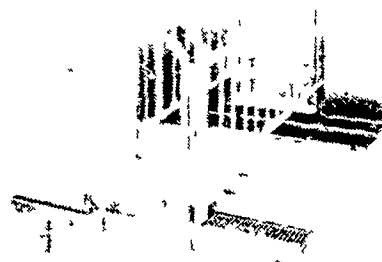
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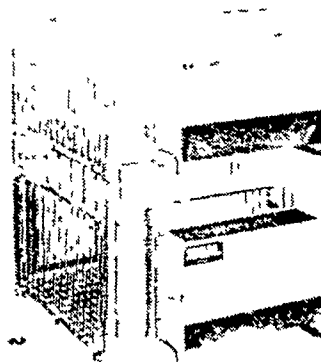


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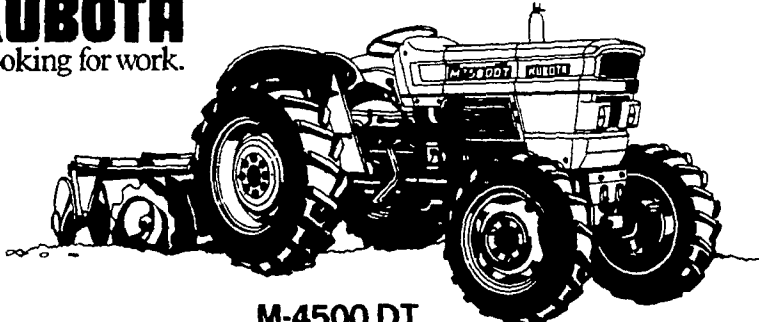
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Washington farm scene to face several changes

WASHINGTON, D.C. — Some dramatic changes, including new leadership in the Senate Agriculture Committee and on the House Dairy and Poultry Subcommittee, will follow in the wake of elections held earlier this month.

The most sweeping changes will be on the Democratic side of the Senate where three of the four senior Democratic members of the Senate Agriculture, Nutrition, and Forestry Committee failed to keep their Senate seats.

Chairman Herman Talmadge of Georgia finally conceded defeat after a recount showed him behind his Republican challenger. Talmadge, widely regarded as a friend of agriculture, had a difficult time in the primary election, too, where

he faced several strong opponents.

But the Southern Democrat's loss to a Republican did not surprise some Georgia political observers who have said Talmadge spent too much time with his national constituency and not enough time with Georgians.

He will be replaced in the Senate Ag Chairmanship by Jesse Helms of North Carolina. A Republican, Helms also is widely respected by farmers and farm groups in the nation's capital.

Two other top Democrats on the Senate Ag Committee who will not be back are George McGovern, South Dakota, the number two Democrat on the Committee; and Richard Stone, of Florida. Also forfeiting his seat will be Donald Stewart,

Alabama.

One Republican member will not be back. He is Milton Young, of North Dakota, the number two Republican on the Committee.

On the House side, somewhat surprisingly, the Republicans holding Ag Committee seats fared worse than the Democrats. But the Democrats will lose more in power.

Three Democrats will not be back. They are Dawson Mathis, Georgia; Richard Nolan, Minnesota; and Alvin Baldus, Wisconsin.

Five Republicans are gone. They include Keith Sebelius, Kansas; Steven Symms, Idaho; James Johnson, Colorado; Richard Kelly, Florida; and Charles Grassley, Iowa.

Of importance to dairymen is the loss of Rep. Baldus, formerly chairman

of the Dairy and Poultry Subcommittee.

Several proposals, including the Community Nutrition Institute's request for review of the handling of milk in federal milk marketing areas, will be coming up. Should legislative change or backgrounding be needed, the change in leadership could prove an advantage to one side or the other.

Democrats also will be looking at a replacement for the Family Farms, Rural Development, and Special Studies Subcommittee Chair, formerly held by Nolan.

Democrats will maintain leadership in the House and Thomas Foley, Washington, will continue as House Agriculture Committee Chairman following a close election in his home district.

New appointments to the open seats will be made with the beginning of the 97th Congress.

Senator-elect Arlen Specter said he would attempt to gain a seat on the 18-member Ag Committee.

With the exception of Patrick Leahy, Vermont, there is no Eastern representation of any kind from either party on the Senate Ag Committee, unless one counts Walter Huddleston of Kentucky. The rest of the Senators are Corn Belt, Deep South, or Westerners.

On the much larger House Ag Committee, just three of the 42 members are Easterners.

They are New York Democrat Fredrick Richmond and Vermont Republican James Jeffords; and Massachusetts Republican Margaret

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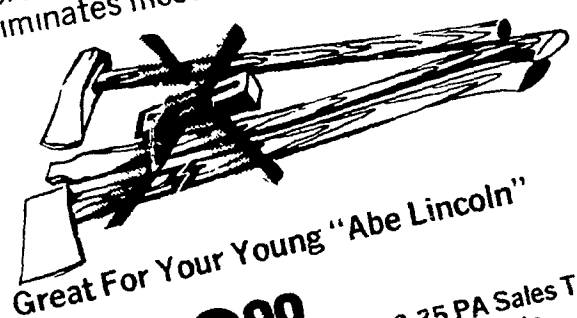
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Dairyman learns that farming is no easy game

BELOIT, OH. — Dairyman Dwight Santee has learned that farming is no easy game to play.

This lesson did not come from helping to operate the family's 200-acre, 60-Jersey dairy farm in eastern Ohio, not too far from the Pennsylvania border.

It applies to a farming game that the young dairyman is finally

marketing after some four years of frustrations and hassles.

It's likely safe to say that Santee now realizes that there's only thing more frustrating than farming itself and that's making a game out of it.

Back in 1976, Santee put together a board game he called "Sodbuster." Players

move around a board buying the necessary ingredients of farming, such as land, equipment, seed and livestock.

Object of the game is to plant and harvest three adjacent fields of crops and still have \$50,000 in cash in the bank.

Well, Santee found out that getting the game on the market was about as easy as harvesting three adjacent fields of 150-bushel corn this year.

Santee first tried to get one of the large game companies to produce the game. He contacted 16 of them.

All of them, including Parker Brothers, declined, in essence saying: "Go directly to jail; do not collect \$200."

So, Santee decided to go it alone.

To go along with the name of his game, "Sodbuster," he tried to get a photograph of a tractor and plow from the large machinery companies. He thought it would be good advertising for the company.

But the companies thought otherwise; none would give permission to use a photo.

That is all but one. Ford sent a photo, but it was a discing scene. (Likely, they didn't know the difference between a disc and a plow.)

Therefore, Santee decided to go with original artwork drawings of a tractor and other farm scenes.

When Santee started his patent search and other proceedings, there were no farm games on the market. Then, suddenly they began to appear, including some by large equipment manufacturers.

But Santee still plodded on, tackling his "Sodbuster" problems with the same determination that early pioneers attacked that tough virgin prairie sod



Sod Buster game is played by dairyman Dwight Santee and wife, Karen, with help from their children Samantha and Ben.

Next, Santee got in touch with Parker Brothers to see if he could buy some extra little red hotels used in "Monopoly."

"I thought they'd make great little red barns for my game," Santee said.

But Parker immediately enforced strict "zoning" regulations.

The company essentially told Santee that it was all right for its little red buildings to be on places like the Boardwalk or Park

Place, which now really are gambling casinos, but in no way could they be located on Illinois or Iowa farmland.

Chalk up another one for the city slickers.

So, Santee went to his local high school shop class and the students built the little red barns.

After a few more hassles, such as learning the "ins and outs" of the printing trade, Santee finally got his game altogether earlier this year and is now assembling and

marketing it through his home.

So, if you're interested further in the game and want to become a part of the saga of the little Ohio dairyman vs. the big game and equipment companies, write to:

Dwight R. Santee, 16488 South Range Road, Beloit, Ohio, 44609.

The games sell for \$12 each, including \$10 for the game and \$2 for state sales tax and UPS—DA

USDA announces 1981 feed grain program

LEESPORT — For the second year in a row, U.S. feed grain producers will not need to set aside acreage to be eligible for the farmer-owned reserve, commodity loans and target price protection, according to Mark Balthaser, chairman of the Berks County Agricultural Stabilization and Conservation Committee.

"Feed grain producers need only to be sure they plant within their normal crop acreage on all farms in which they have an interest to be eligible for program benefits in 1981," Balthaser said.

The normal crop acreages are currently under review and may be adjusted in cases where appropriate to more adequately reflect farmers' current cropping programs and the application of best farming practices he added.

Jim Williams, Deputy Secretary of Agriculture, said, "With world coarse grain production likely to be down slightly from last year, domestic 1980 crop production estimated to be 18 percent lower than last year's crop and the demand for grains continuing to rise, the U.S. Department of Agriculture expects a drawdown in stocks and higher prices.

"The provisions of the 1981 feed grain programs will allow U.S. farmers to respond to domestic and world market requirements but still provide them with price and income protection," Williams said.

Chairman Balthaser requests that producers should remember the importance of good farming practices as they plan for 1981; and he recommends against bringing fragile lands into production. Farmers who plant these lands in 1981 will not have this acreage added to their

farms' normal crop acreage in subsequent years.

Price support loan will be at least \$2.25 for corn and other feed grain loan prices would be based upon a feed value relationship to corn.

Feed grain target prices for 1981 crops will be announced next spring but will be at least equal to the 1980 levels of \$2.35 per bushel for corn; \$2.50 per bushel for sorghum and \$2.55 per bushel for barley.

To qualify for full target price protection, farmers cannot plant more corn, sorghum or barley in 1981 than was considered planted in these crops this year. Farmers who exceed this acreage will be subject to an allocation factor that can reduce their target price payment, if any, by up to 20 percent.

National program acreages of 90.1 million acres for corn, 15.4 million acres for sorghum and 9.7 million acres for barley have been announced. The national program acreage is the number of acres for each crop needed to be planted to meet projected domestic and export requirements, as well as provide for an adequate carryover.

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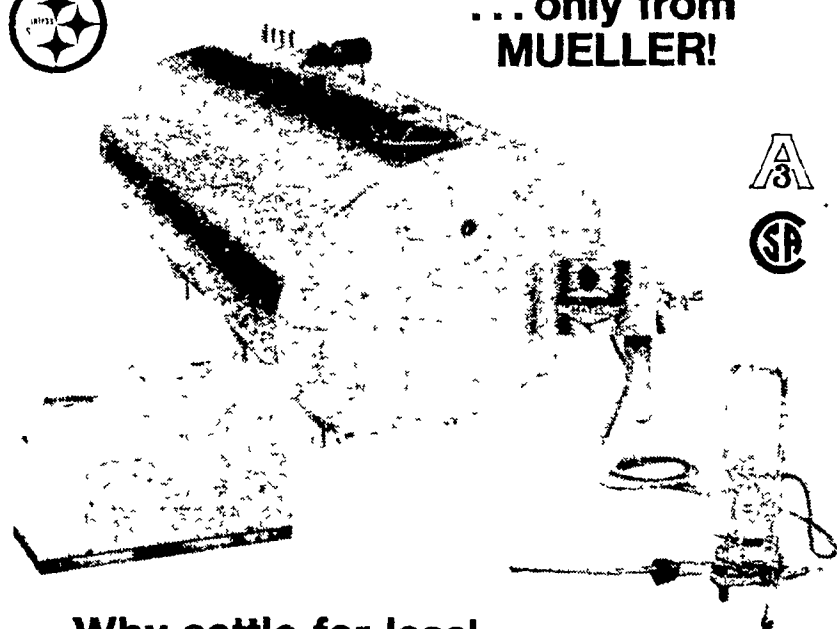
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Penn State to host lime, fertilizer conference

UNIVERSITY PARK — An assessment of manure management systems, trends in fertilizer and pesticide use, and new concepts in weed control will be topics discussed at the 1981 Lime, Fertilizer, and Pesticide Conference to be held January 20-22 at Penn State.

Conference registration will be held from 10:30 a.m. to noon on January 20 in the University's J.O. Keller Building, points out Peter Ferretti, Extension horticulture specialist and University program chairman.

He emphasizes that the program is designed to be of

interest to ag-industry personnel, farmers, and extension staff members in Pennsylvania and bordering states.

Programs will be available in Pennsylvania county extension service offices in December.

Speakers and their topics during the afternoon of

January 20 include Gene Graves, vice president of planning and economics for Agrico Chemical Company, discussing the fertilizer outlook, short and long-term; Wayne Hrush, Penn State assistant extension director, adjustments to the phosphorus soil test; William Leibhardt, of the

University of Delaware Plant Science Department, excess use of poultry manure; David Mathews, of Agway, Inc., an agronomic assessment of manure management systems; and Richard Fox, Penn State agronomist, the University's new lime test.

The program the morning

of January 21 includes pesticide trends in the future by Leo Bontempo, vice president of marketing for Ciba-Geigy; and identification and control of alfalfa insects by Stanley Gesell and Arthur Hower.

Ferretti notes that the conference will conclude at noon on January 22.

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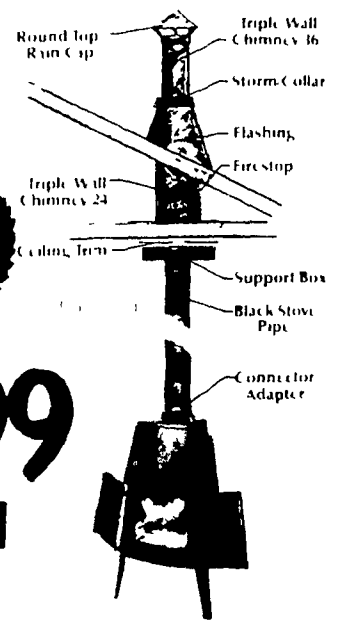
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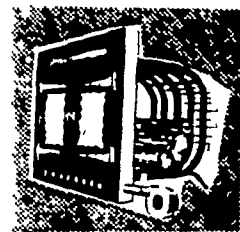
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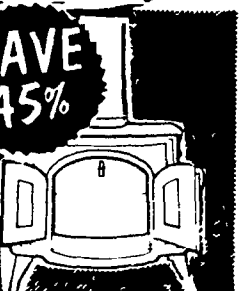
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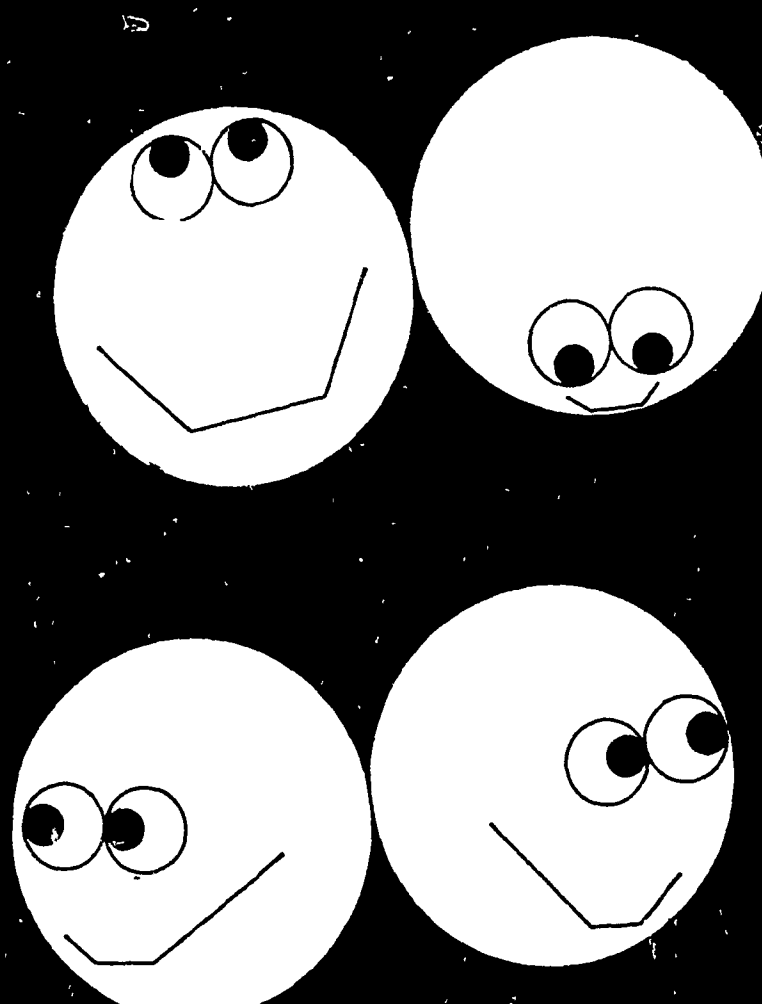
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Wanted Old Cletrac tractor Also Oliver O C 3 or O C 4 or AG Al Provenzano, 564 Honeyspot Rd, Stratford CT 06497 203 375 7491

Crawler loaders, JD 440 \$4500 HD6 \$6000 Both excellent, 9 ton tilt trailer \$2500 Mercer Co 609 585 4356

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Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders

VILSMEIER EQUIPMENT INC

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FARM EQUIPMENT

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For Sale Onan 25KW PTO generator on 3 pt hitch \$1200 Frystown 717 933 8764

Wanted John Deere 420 or 440 crawler for parts 301 829 0271

For Sale - 1974 JD Model 6600 1150 hrs 13 ft head 1 owner, excellent condition 609 448 8258

1 65 HP 236 cu in Perkins Diesel Ser No 4703782 fits 175 Massey with or without clutch Starter, radiator rebuilt, suitable for power unit Runs good Sam S Stoltzfus 3184A Mill Lane, Gordonville, Pa 17529

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For Sale Chisholm Ryder snapbean harvesters with hydraulic dump wagons reconditioned & painted 609 769 3183

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438 Corn Head less att. 238 NH Tam Gear 12 ton w/11Lx15 tires 1469 Haybine L Combine, 2 heads 438-15'

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IH 555 Chopper 38" head, 2 heads 469 Haybine 717 Chopper 1-row

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Quarryville
Phone 717-786-7318

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Dozer, JD model 430 with manual angle blade direction changer, rear winch good condition Priced \$3500 Cambria Co 814 495 9626

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Long 460 diesel tractor 43 hp, 255 hrs 3 pt hitch, power steering Ask ing \$5700 717 566 6639 after 4 p.m

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DX-160 Deutz Tractor w/cab & air, 145 h p DX-90 Deutz Tractor, 84 h p D13006 Deutz, 135 H P

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MF 510 w/grain head \$6,900

Oliver 525 w/3R & 10' \$8,250.

AC E w/2R and 10' \$7,500

JD 45 w/2R & 10' \$4,900

NH 985 w/4R & 13' \$17,500.

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USED TRACTORS

Ford 9600 Cab & Air Ford 7600

Oliver 1955 w/cab Oliver 1800 diesel Ford 5600 Dsl

USED COMBINES

White 8600 diesel hydro, cab & air White 8700 diesel hydro, cab & air

USED TILLAGE EQUIP.

Taylorway 9' Chisel Plow Oliver 5 Btm auto reset plow

JD 3 Btm Plow

PLANTERS

JD 1440 White 5400, 4 Row

MISCELLANEOUS

Cardinal 7' 46 Auger Ford 5' Rotary Cutter

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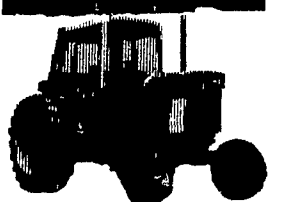
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510 plow 5' 18" 720 plow 5' 18" 475 disc harrow 11' 6" 350 disc harrow 10' 3" 55 chisel plow

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NEW COMBINES

N6 rotary LKS 2 FKS 2

USED COMBINES

1977 LKS w/heads

NEW TRACTORS

7020 185 5050 FWD 5050 5030 5020

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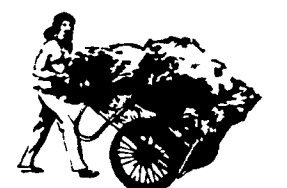
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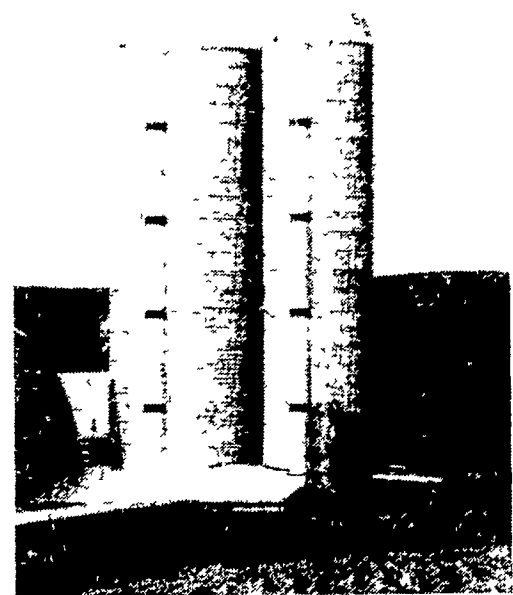
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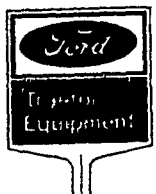
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FARM EQUIPMENT



TRACTORS

Ford 9000
(3) Ford 5600 Dsl., low hours
Ford 5000 Gas
Ford 3000 Gas
Ford 1000 Dsl.
Int. 2404 Gas, Turf Tires, & Snow Plow
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NH 512 Spreader
Good Selection New & Used Snowmobiles

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GEHL- 2600 Skid Steer Loader

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Oliver 1850 Gas
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FB88 Gehl Forage Blower
NI 324 Gathering Unit w/314 sheller

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA 215-845-2911



USED EQUIPMENT

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Ford 8N
Ferguson T030 w/loader
JD 2300 Gas, Cab 13'
JD 105 Dsl. Com 4R CH
TR 70 Com 6R CH 15 Plat
JD 7000 6R Planter
JD 7000 4R N Planter
(2) JD 1240 4R SOLDER
JD 54 Spreader
MH 510 Spreader
JD 1550 Power-Til Seeder
JD 25A Flail Mower

NEW EQUIPMENT

JD 2940 4 WD
JD 4840 Tractor
JD 7720 Combine w/643 C H & 260 Flex Plat
JD 216 Flex Platform
(3) JD 6R Consv Planter
JD 6R Regular Planter

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MF 760 combine, 6 row 30" corn head, 15' grain table
MF 321 corn head
MF 44 & 63 corn head
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AC 190XT
Farmall 966
IH 574
MF 124 baler
Int. TD24 crawler w/blade
JD 2520 Diesel

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Ford 8000 with cab
Ford 7000 overhauled motor
Ford 4600 SU with 730 loader
Ford 2600 w/broom, 50 hrs.
Ford 4400 TLB
Ford 4500 TLB
Marshall forklift, 3 ton
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IH payload, model 50 w/4 in 1 bucket
Skywitch high lift platform w/hyd. up to 25'
New Ford 420 TLB 3500 lb. loader
13' backhoe
New Ford 445 TLB
Ford 545 TLB
Ford 555 TLB
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Log splitters: JD, Danhauser, Kelley, McCullough
1962 IH Scout 4 WD
Playmar camper, fully equipped, ideal for hunting & camping
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USED EQUIPMENT

IH F-1066 Tractor
Farmall Super C with Loader
MH 33 Tractor
MF 65 Tractor
MF 1105 Tractor
MF 63 Cornhead
Grain Drills

NEW EQUIPMENT

MF 205 Tractor
MF 245 Tractor
MF 265 Tractor
MF 275 Tractor
MF 285 Tractor
MF 30B Tractor
Loader
MF Plows
MF 620 Disk
MF 1050 Grinder
Mixer
MF 750 Combine
MF Grain Drills
NI Manure Spreaders
NI Fertilizer Spreaders
NI 636 Wagons
Caldwell Shredder
Bearcat For Harvester

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215-683-7252

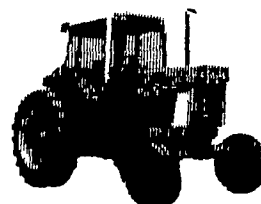
FARM EQUIPMENT

USED EQUIPMENT

JD 2840 Dsl.
JD 420 w/Triumph sickle mower
Case 430 w/NI Loader
David Brown 1212 w/Loader
Ford 8N
Farmall A w/mower
Case 870
JD 1450 5 Bt. Plow
JD 125 4 Bt. Plow
JD 3800 Chopper
AC 303 Baler
JD 336 Baler w/#30 kicker
Hesston 56 Round Baler
Hesston 10' Mower
Conditioner
Hesston 6600 SP Windrower w/14' head.
NI 325 2-row Sheller
JD 54 Spreader
JD 1240 Plateless Planter
AC 6RN no-till #333
Model 78 plateless corn planter w/300 gal. liq. fert. tank, insect. boxes & monitor, 1 yr. old.

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The Buck, PA 717-284-4141



SPECIAL
McCurdy gravity box, 275 cu ft \$530

NEW EQUIPMENT

36' Kewanee elevator \$1700
(2) IH 540 spreaders, hyd. end gate & top beater \$2750
IH 335 12 ton wagon w/12x25L tires, \$1125
IH 435 baler w/thrower \$6995

USED EQUIPMENT

AC gleaner combine model CII 14' grain & 4 row corn head \$8500
IH 574 gas, w/new 2200 loader \$8000
Farmall A w/undermount mower
IH 706 gas \$5500
IH 656 gas
154 Lowboy A-1 condition \$2995
1650 Cadet, like new \$2400
Oliver 5F 16" plow \$1150
IH 531 plow, 3F, \$600
IH 430 baler w/thrower \$1600
JD 24T baler \$700
IH 35 rake \$1300
IH 37 disc \$1200
109 Bush hog mower \$1250
Int. 234 sheller attachment \$1325
425 Artway grinder mixer \$2200
Case 11' disc harrow \$1400
NI flail chopper, direct throw, \$700
JD flail chopper \$700
72" Woods under mount mower \$750
IH 990 mower conditioner, \$1975
IH 105 forage box
Century Sprayer \$650
Welsh Sprayers
200 gal trailer model \$1050
500 gal trailer model \$1650

DOMBACH EQUIPMENT

McAlisterville, Pa. 717-463-2191



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Deutz 8006 4WD 95 PTO hp. 1675 hrs. steel wheels \$12,000 excellent condition
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Farmall 400 gas w/fast hitch, nice condition \$1500
Farmall M w/2M-HD IH mounted cornpicker \$1300
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NI 212 146 bu single beater spreader, nice condition \$1050
NI model 213 spreader, 165 bu., 3 beaters w/hyd. gate, good cond \$1500
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Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition \$1600
Taylorway 200 116 9' 3" disc harrow, 7 1/2" front spacing, 9" rear spacing 22" blades excellent cond. \$1650.
Case 11 ft. 36 blade transport disc harrow \$975
IH 8 ft. Offset transport disc harrow \$625
Badger Model 205, 205 bu. \$1050.
HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA 717-865-4526

FARM EQUIPMENT



TRACTORS

JD 4230
JD 2020 D
JD 730 Gas
JD 720 Diesel w/electric start
White 105
MF 1085
IHC 560D
IHC 504 w/Plow
Ford 6000

COMBINES

IH 205
IH 915 w/2 heads
JD 215 Flex Head
JD 444 Corn Head

PLANTERS

AC 600
JD 1240
JD 6R Conservation
JD 2R 23
IH 4R 400
Ford 4R 409
White 543

HAY TOOLS

IH 225 SP Hay Swather
IH 1190 Mower Conditioner
JD 1209 Mower Cond.
JD 24T Balers

MISCELLANEOUS

JD 1450 5x18 Plow
JD 345 5 Btm. Plow
Ford 10' Disc

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032
Phone 717-362-3132

USED TRACTORS

JD 3020
(2) JD 2020 w/Loader
JD 2840
JD 50 Tractor
JD 60
JD M w/Loader
Case 530 D w/Loader
Farmall 200
Farmall 460 with Plow

USED EQUIPMENT

JD 216 Forage Wagon
Fox Forage Harvester with 3 Row Cornhead
New Idea 705 uni-system with 3 row 30" head, and hay pickup



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GOOD USED EQUIPMENT

Tractors
MF 285
MF 275 diesel w/cab
MF 1080 diesel
MF 1150 w/cab
MF 1150 w/duals
MF 65, gas
Farmall 450 Diesel
MF 203 diesel backhoe
MF 210 diesel, 25 h.p.
Skid Steer Loaders
Gehl HL 2600
Gehl HL 3030
Gehl HL 4400 gas
Gehl HL 4400 diesel
Combines
JD 55 diesel, cab, 3 row
JD 45 cab, 2 row
IH 615 cab, 3 row
MF 300, cab 3-row
Hay
MF 12 baler w/thrower
JD 336 baler w/thrower
MF 37 rake
NH 256 rake
NH 479 haybine
Hesston PT7
Hesston PT10
Hesston 1014 - 10'
Hesston SP420
Hesston SP6600
Tillage
9' PT chisel plow
Moore no till drill
Spreaders
NI 206 like new
Starline 180 bu
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Hawk Bilt 150 bu.
Miscellaneous
JD 37 loader
NI loader

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FARM EQUIPMENT



IH 805
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Ford 1000 diesel
Ford 3000 Gas engine overhauled
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AC D17 tricycle \$2100
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JD 494 4 row planter with dry fertilizer & insecticide attach \$350
Century 7' forklift (front mount) \$300
JD 1240 mower conditioner \$950
IH 460 D tractor with IH 311 3F plow \$3200
IH 656D (High Clear) tractor \$6975
Farmall Super C tractor with cultivators & IH 2F plow \$1495
Farmall cub tractor with C-3 rotary mower \$3500



C & W EQUIPMENT, INC.

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Carlisle, PA 17013
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Peach Bottom, Pa.
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UP TO \$500 CASH DISCOUNT ON NEW VERMEER BALERS

New Vermeer Rakes, Irrigation Travelers & Scraper Blades.

New Vicon Mowers, Rakes, Power Harrows & Seeders.

Dew-Eze Bale Mowers, (tractor & truck mount)

USED EQUIPMENT

NH 850 Round Baler
Vicon KM 240 Mower conditioner
(Demo) Vicon SE 450 Power Harrow
Vermeer Twin Rake
Vermeer 5 Bale Trailer
Vermeer F100 Bale Unroller
Vermeer 5C-4F, 504G Balers

TRACTORS

Farmall A w/cult. pulley & PTO
Farmall Super H, w/live hyd
AC WD
D2 Cat crawler for parts, new head not on

MISCELLANEOUS

NH Flail Attachment for NH Baler to bale corn fodder

New Killbros gravity boxes & running gears

Flail Choppers From \$225 up to \$650

SPREADERS

NH 180 bu
NI 150 bu
NI 130 bu
(2) self unloading wagons
IH 8 snow plow, fits most tractors up to 100 h p

DISMANTLING TRACTORS FOR PARTS

JD 70, 4010, IH F 14, A, B, C, H, M, 300, 350, Supers C, H & M JD A, B, 50 & 60 AC WD & D17 Oliver 70 & 77 Ford 8N & 860 Case SC & V.A.C Massey 44D, IH 400, MTA, 240, F20, WD

COMBINES FOR PARTS

300 MF, IH 303, 203, 91 151 125, 127, 64 & 75, 141, 205 JD 40 & 55 square oack, 55, 40 & 45 round back, 95, Gleaner C11 & A's, Massey 82, 92, 80, 90, 26, 27, 35, 72 & clipper Oliver 35 & 430 Case, Ford, Oliver, Woods & AC Clazy Tires & wheels most sizes

KEITER'S FARM MACHINERY

R D #1 Halifax, PA 17032 Rt 225 20 mi from Hbg
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FARM EQUIPMENT

IH 706 gas rebuilt motor tires 75% good cond. Over 74H two row mounted corn picker will sell together or separate 717 547 1789

Wanted Grapple fork attachment for 145 146 148 or 158 John Deere loader bucket 717 762 6715

FARM EQUIPMENT

Cat D 4 Hydraulic Dozer, Winch \$4500 00 1977 Case 450 6 way Hydraulic Rops \$16 500 00 1972 Cat 941B loader \$18 500 00 Case 1973 580B Hoe & Loader, Heated Rops \$11 975 00 Others 814 793 2829 Finance, Trade Curry Supply

FARM EQUIPMENT

Hutchmaster heavy plowing disc new 22 front disc \$3900 Allis Chalmers 16" 11 hydraulic wing field cultivator \$1450 215 286 9427

JD F 125 4 bottom trip plow \$785 York Co 717 266 2867

FARM EQUIPMENT

For Sale 2030 diesel, 1855 Oliver diesel, 14 Int cut harrow 4 14 JD 3 pt plow all in excellent shape 609 881 3395

For Sale Case F21 disc harrow only used 1 yr Also Brillion 23 foldup packer only 1 yr old 302 856 2772 or 856 7653 anytime

COMBINES 1976 JD 6600 D w/grain & choice of corn heads, 1975 Int 715 diesel C.A. 23" tires w/grain and corn Gleaner F2 diesel, cab, air, grain saver, used 300 hrs w/grain and 430 corn head Gleaner G diesel w/cab and grain 76 Int 715 diesel w/844 corn head and 810 grain head. Int 715 gas w/844 corn and 810 grain head 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab

MF 760 diesel hydra with grain and 6 row corn head MF 300 combine w/cab and grain, Int 82 Pull Type (clean). Gleaner F w/2 heads. Late mode Int 303 w/cab & 2 heads.

JD 7700 D w/grain & corn head, Int 101 w/10 ft grain, real good Gleaner K w/cab, 10 ft grain, K240 corn head MF 510D Quick Tach w/both heads

Corn Heads JD 643, 444, real nice JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 435, 434, 334, 235, 234, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int Int 863, 844, 843, Int 863 six row for 32 rows 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40", 50 corn heads to pick from on our lot M 430 Gleaner, Int 6 row 30" for 503, new JD 444 corn heads, NH 4 row 38 CH New MF 44 CH for \$6375 00. (Skid Loaders) Bobcat 720 & 700 Hydro

CORN PICKERS - (new) N.I. 324 w/12 roll bed, New New Idea 325 w/12 roll bed, Used (3) NI 324 w/12 roll bed, NI 325 N w/12 roll bed (325 N w/sheller), used 323 one row, NI 311 two row pull, NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int 234 w/12 roll bed. Used 325N 2 row w/12 roll (SOLD) bed

John Deere 8630-4 Wh Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft Hyd wing disk, like new, J.D. 220 hyd. fold wing disk, 1972 JD 4020 w/dual hyd JD 2520 D real nice Farmall 966 original, Farmall 656 gas WF 3 pt.

JD 4630 C A Power shift w/front wheel drive (real clean), New JD 4840, (Tractors w/Loaders) JD

2020D w/145 loader like new, JD 4020 w/58 Loader, JD 3010D (SOLD) w/46 loader. Int. 544 utility D w/2250 Mount-O-Matic Loader, Int. 606 w/2000 L, Farmall 1206 w/cab, AC 185D w/300 hrs., like new 1967 JD 4020D power shift, D.L. dual hydraulics, AC D17 D, WF; Int. 606 Utility D, Ford 4000 Utility D, Ford 1800 Loader & Backhoe, New J D 11' mulch tiller, New JD 12' chisel plow, Cub 154 LoBoy

JD 4010 D, WF, Dual Hydr., (SOLD) 38" rubber, Case 930 CK w/5X Plow, JD 3010 gas

Just Received New J D. 2940 w/front wheel drive, New JD 4040 QR and tenders, NEW JD 4240 4 post QR New JD 4440 cab, air, power shift, New JD 4440 CA, quad JD 7520- four whl drive with duals, JD 4000 diesel

Used JD 4240 C, A, P S., 4010 gas, JD 4430 C.A. QR, JD 3020 (2) side console, 4020 side console gas JD 2030 w/ Hi & Lo, 4430 w/Cab 8 spd., 67 JD 4020 Tri D

New White 2-105 w/cab; 1971 J.D. 4020 w/roll guard, cab, air, dual hyd (real sharp), 1970 JD 4020 w/roll guard, JD 4320 w/cab, 2 JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., JD 2510 gas, Farmalls; 666 w/cab & air. Farmall 806 diesel, JD 3010 Diesel. Farmall 350 w/P.S. & F.H.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., Used 986 cab & air, used 686 w/cab & air IH 3588 - 2+2, like new, 1566 w/cab, 766 D, 1466 w/cab, 1026 Hydro w/roll-guard, Farmall 666 diesel, 86 hydro D w/rollguard, Farmall 544 WF, 544 utility (SOLD)

Tractors & Eq - Steiger Bearcat 4 whl drive w/dual wheels and new motor in excell cond., Gleaner E Combine w/cab, grain and corn head; Farmall 1206, nice 856 original A.C. 210D, w/new 20-8-38 tires, Farmall 856 w/no TA \$6800, 460 Gas w/F.H.

JD 4320, Farmall 756 gas. Farmall 544 (SOLD) utility gas, 806 tri. diesel, 560, 856 w/front wheel drive, 1206 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300

HARVESTERS New Holland 770 w/2 row, M.F. 260 w/2 row head, Fox Super 2000 w/2 row narrow & elec sharpener J.D. 38 Chopper w/2 row JD 3800 w/2RN C.H.,

NI 702 Uni gas w/chopper & corn head \$5,900.00. NH S717-1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int 2 row 30" for 650

JOHN DEERE Used JD 4030, 4520 w/triple Hydr., 5020 tractor puller, 1968 4020 power shift, JD 3020 gas w/cab, JD 4010D w/W.F. 630 w/3 pt., 60 w/p.s., 70 w/p.s. Farmall (new) 1086 cab & air priced right

FARMALLS 1978 1586 w/cab fully eq w/duals, used 400 hrs like new for \$26,500 1566 black stripe w/cab; 966 black stripe w/roll guard, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice, Super M w/live hydraulic, M for \$975 00 H w/loaders, 706 Gas w/F.H. - rough as is \$1900

CASE Used 1370 cab, air power shift w/1000 hrs for \$18,900. New Case 2090 w/cab & air, P.S. 730, 970 w/P.S. 1170 w/cab, Case 1030 D needs trans. work, Oliver 1950T w/cab, 2050, 1800, 1855 w/20 8 tires real nice. 1650D., 1750D.

MASSEY FERGUSON new 1105 w/cab, & 20 8-38 tires for \$19,500 MF 2805 used 600 hrs. 185 H.P. w/dual wheels priced at \$26,000 00 1130D, M.F. 1085, nice, 135, Super 90D

ALLIS CHALMERS Used 7010 C.A.P.S., 7040 w/cab, power shift like new \$19,500, 220, 210, AC 180D, MMS670 diesel

COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft grain heads, used M.F. grain heads. (New) J.D. 215 grain head, New & used J.D. 213 flex heads

Hay Equip Specials BALERS - NH 320 w/thrower like new, Used 277 w/thrower, JD 346 Baler w/thrower, 336

New Haybines at Discount Prices - New Gehl 1090 for \$4450 00 New Hesston 1010 Hydro swing \$4850 00, NI 279 Cut/ditioner used on 40 acres for \$2750 (New) NI 299 Haybine for \$4250 00 New JD 1207 for \$3675 Used NH 469, JD 640 rake

For your needs call: **STITZEL FARM EQ. INC.** East Windsor St. & Krick Lane Hamburg, Pa. 19526 Phone bus. 215-562-8377 home 215-562-7451

IND EQUIPMENT - Int 510 4 whl drive payloador used 500 hrs like new Case 530 C K diesel L & B, Case 480B loader and backhoe, JD 440 loader & backhoe, JD 450 Crawler L & Backhoe Int 3500 L & B Case 580 L & B, D8 Cat w/blade, Cat 955K crawler loader

CORN PLANTERS - (Just Rec) New JD 6 row & 4 row conservation planters, New & Used 7000 JD 4 row w/Inst Used JD 7000 6 row liquid w/inst., monitor and no-til atch

New Int 400 - 4 row air planter for \$3250, New JD 8300 double disk grain drill, new Case 6 row 3 pt. hydr fold field cult., 2 - JD #360 12 ft offset disks, Wheelback 12 ft offset disk JD RWA disks

Ontario 16 disc w/grass seed White 5x18 auto reset plows, J.D. and Int., & Oliver 4,5,6,7 trip and resets New Glencoe SS7 shank Soil Saver \$4595. or with cult-lift harrow complete for \$4950, JD 210 Disc, Case 4x18 auto reset plow used 20 acres (Bush Hog 12 ft Discs, new,) Brillion & J D 13 ft culmulcher w/inside wheels, White 3 pt 10 ft Chisel Plows, NH 346 Fank Spreader New White 14 ft. held cult, Kawanee 22 ft wing disk Four row stalk shredders 950 00

LOADERS - Int 2350 JD 58, MF loader for 1105, JD 46A loader, Int Fast hitch 3 pt. adapters, 3 pt hitch for 630 and 730 JD tractor

Used yr. round cabs for JD 4020, 3020, etc TRUCKS - New 1980 Silverado Chevy diesel w/every option on, 1971 Ford - 3/4 ton pickup \$975.00, 1976 Chev C65 w/5500 miles w/14 ft. flat, like new; 1977 Delta 44 ft Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros 8 ton running gears. Pick up heads for Int 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38 JD 3 row narrow silage head. (10) sets of dual wheels all sizes JD front & rear weights. IH front and rear weights

For your needs call: **STITZEL FARM EQ. INC.** East Windsor St. & Krick Lane Hamburg, Pa. 19526 Phone bus. 215-562-8377 home 215-562-7451

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Clay Honey Wagon, 1500 gal., like new, 717 354 5092

USED

PH-1 Petter 7 1/2 hp, \$650

PJ-2 Petter, 20 hp w/ starter, \$1800

PJ-3 Petter 30 hp w/starter, \$2250

PJ-4 Petter 40 hp w/ starter & clutch, \$2750

19 hp Witte w/starter, clutch & alternator \$1000

HOOVER DIESEL SERVICE Sales & Service Phone 717-656-6133

USED EQUIPMENT

TRACTORS

• Case 930 Tractor "CK"
• Case 430
• Case 350 Crawler Loader

• David Brown 990 w/ Loader
• JD 3020 w/Loader
• White 2 135 Tractor, 150 Hours

• IH 706 D 310, WF LOADERS

• Case 1537 Skid Loader
• Case 1830 Uni-Loader
• Case 450 Crawler Loader

• Case 450 Crawler Dozer

TILLAGE

• Case Disc Harrow, 9'
• Case 400 18"-20" Auto Reset 4-Bot Plow
• MF 4-Bot Plow, Semi

• Oliver 2 Bot Trailer Plows

• Used Cultipacker

HARVESTING EQUIPMENT

• Gehl 600 Harvester, 2 Row Cornhead and Pickup Head
• NI Unisystem 701 Tractor

• NI Unisystem 705 Tractor

• NI Unisystem - 702 Tractor, 710 Combine & 760 Harvester

• NI 727 Husking Bed

• NI 323 1 Row Corn picker

• NI 310 1 Row Corn picker

• Int Mtd Picker, 2 Row

• MF No 61 1 Row Picker

• JD No 25 Harvester

• Case 300 Harvester

• Case V 12 Shredder

• Hesston 2000 100 Harvester

• NI Forage Blower

• MF Chopper

• MC Chopper

HAY EQUIPMENT

• Hesston 1014 12' & 14' Windrowers

• Hesston PT 10

• JD 4 Bar Rake

• New Idea Trailer Mower

• Mott Mower

• 3 pt Hookup Mower

MISCELLANEOUS

• Ford 4-Row Corn Planter

• JD 2 Row Planter

• JD 494 Corn Planter 4 row

• 10 Used Spreaders

• 3000 Gal Husky Tank

• NI 224 10 ton Spreader

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CASE

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8700 Combine
9700 Combine, (Axial)

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Fox 6654 SP
Fox 3310
NI 708 Uni
NI 709 Uni
FQ 7650 Side Dump
2000-100 Pull Type
2000-150 Pull Type
Farmhand Recutter
Blower

Special Price On Speedy Corn Crib \$700.00 1200 lb. capacity

USED EQUIPMENT

7600 Field Queen 700 hrs.
FQ Side Dump Wagon
Gehl Side Dump Wagon
Oliver 1855 Tractor
Oliver 1850 Tractor
Oliver 77 Tractor
IH 460 Tractor
8C & 12C Hydromac Skid Loaders
NI 705 Uni Diesel Power Unit

White 5400 6R Planter
Oliver 5-16" Plow
Fox 3000 Harvester
JD 216 Fg. Wagon
Bush Hog Gooseneck 32' tilt bed trailer
NI 325 2RN Picker
NI 324 2RW Picker
NI 279 Cut/ditioner
NI 270 Cut/ditioner
Athens 10' Pull Type Chisel

NI 710 Combine
Fox Blower
Lely 18' Double Wheel Rake
Brillion 8R Hyd. Wing Cultivator
JD 8R Cultivator
JD 12' Cultmulcher
Artsway 750 Silo-Mix
NI 730 4-Row Head
NI 214 Spreader
NI 8 Ton Spreader
Hawk Bilt 180 Spreader
Starline 3200 gal. Super Tanker w/chisel injector
Hesston Stack Hand 10 Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

STOLTZFUS FARM SERVICE

Cochranville, Pa. 215-593-2407

FARM EQUIPMENT

For Sale - AC 6 row corn head GL630, AC 4 row corn head GL 440, AC 13' grain head, all heads kept inside and in good shape, AC G combine, needs motor and hydraulic system, new rattler chain not in combine 717-649-5096 anytime

Endless belt for silage blower 717 649 5317

Two new Badger forage boxes, 14 ft 3 beater w/roof \$3450 ea Two new Badger blowers, \$1585 ea 717 247 7858 Bradford Co



NI Model 318 Super Picker, 2 row, 12 husking rolls, fits, 4020, 3010, 4010, \$1275

JD 3020 PS diesel tractor good condition 1979 IH 1650 hyd. lawn tractor/mower \$1900 Interest Waiver Until May 1981

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336 Baler w/ejector
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415 Rotary Hoe
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
2500 5B Spring Reset Plow
1610 Chisel Plows
660 Rake
790 Flail Spreader
C81 Spin Spreader
40 Spreader
714 Chuck Wagon
1065A Running Gear
1075 Running Gear
1710 Mulch Tiller

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145-148 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Bush Hog 146-302 Disc Harrows

USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
Farmall H, M, MD
ACC, WC, WD
Ford 8N
Ford Dextra (Diesel)
JD 55 Combine
JD 95 Combine
AC Cleaner CII
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter

Special Deals on More Equipment not listed. See us Now!

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FARM EQUIPMENT

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS:

IH 1566 w/30.5x32 Tires
IH 1066 D, with cab and
M&W Alcohol At-
tachment
IH 70 Hydro Diesel
560 Gas, standard, wide
front end
Farmall M, 230, 400 D,
400 G and 560 G
Case 310 w/Industrial
Loader

TILLAGE:

IH 475 Disc, 20'6 manual
fold
IH 475 Disc, 17'5
hydraulic fold with
hitchhiker
IH 475 12' Disc
(2) IH 461 Front Mount
Cultivator, 6 row
370 13'10 Disc Harrow
370 11'6 Disc Harrow
(2) 37 11'6 Disc Harrow
Oliver 10' Disc Harrow
Bush Hog 18' folding disc
harrow
Bush Hog 12' offset disc,
Model 146
JD AW 10'
Ford 3 btm 18" auto
reset plow, mounted
(2) IH 11' 3 pt. hitch chisel
IH 11' Trailing Chisel
2, 3 and 4 Bot. fast hitch
and trailing plows
Brillion 13' 5" packer
mulcher, real nice
(2) Brillion 6' Wings
Brillion 16' packer
IH 700 6 btm reset plow

FORAGE:

NH 33 flail chopper
Bearcat 72A Flail Chopper
(2) IH 550 chopper
w/heads
Gehl 84 Chopper with 1
Row, 2 Row, Hay
Pickup or Direct Cut
Heads
NH 717 Chopper w/2 row
head & pickup
(2) JD 38 Chopper w/2
heads, 1,000 PTO
Hesston 420 SP win-
drower w/cab and air
655 Case SP windrower
Hesston 1014 Hydroswing
IH 990 MC, Like New
NI 4 Row Stalk Shredder
IH 440 baler with thrower
JD 24T baler w/thrower
NH 66 & 270 Balers
NH 461, 467 & 479
Haybines
NH trailing mower, 7 ft.,
draw bar mtd
IH 230 Trailing Mower

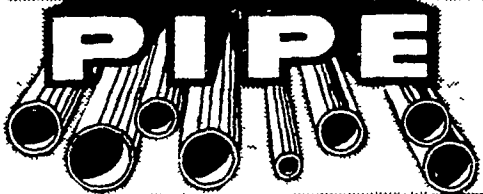
MISCELLANEOUS:

IH 540 Spreader with hyd
end gate - real nice
IH 175 & 570 Spreaders
NH 512 Spreader
Herd 3 pt. Spreader
400 Gal Truck Mount
Century Sprayer
JD 15x7 grain drills, SD
JD 17x7 Plain Grain Drill
Int No 10 16x7 DD
Combination Drill
IH 10 SD Grain Drill
Oliver 13 SD on steel
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Combination, Nice
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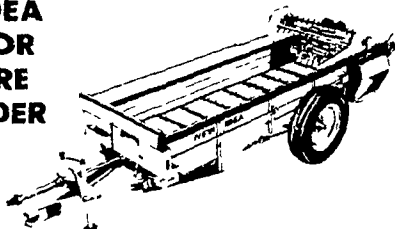
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Farmall cub (nice) \$1800
D19 gas, wide front \$3650

USED EQUIPMENT

NH 273 baler \$2350
Demo NH 258 rake \$1395
NH 268 Baler \$1850

NEW EQUIPMENT

MC rotary scythe & choppers
Pittsburg spring harrows
Farm Bilt wagons 6, 8 & 10 ton
Wisconsin engines from 6 to 65 h p
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USED EQUIPMENT

TRACTORS
JD 2030 diesel
IH 656 gas
Ford 8N w/sickle bar
JD M w/plow &
cultivator
Farmall H w/loader
IH 140 w/Woods
mower
AC 5040

**TILLAGE &
PLANTING**
JD FB-B grain drill
Oliver grain drill
JD AW-13' disk, new
blades
JD 110 12' disk
JD AW 10' disk
JD RW 10' disk
JD BWF 13' disk

HAY EQUIPMENT
McCormick Rake
JD rake
MF #12 baler
w/thrower
NH SP 1469 win-
drower
JD 830 windrower
JD 38 mower
JD 483 mower cond.

HARVESTERS
NH 717 w/2 row head
NH 880 w/pickup
JD 34 w/2 heads
JD 3 row head only
MISC. ITEMS
JD 205 5' rotary
JD 216 forage wagon
JD 300 garden
tractor
JD 140 garden
tractors

**SPECIAL OF
THE MONTH**
JD 225
DISK 10' 6
\$3900

OTHER NEW
EQUIPMENT
SPECIALS

Hesston 1090 mower
cond. \$4850
Landoll Soilmaster
11' 3, \$4275
Taylorway Chisel
plow, 12' w/gauge
wheels, \$1975
Badger 14' forage
wagon w/roof &
gear, \$4500

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FARM EQUIPMENT



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New Martin Spreaders
Gates and Pumps

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Baler
• Vermeer 605G
Baler

USED

• Martin S1466
Spreader
• Vermeer 504G
Baler

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NEW MACHINERY

1 - JD 1209 mower conditioner \$5000
1 - JD 6000 blower \$1300
1 - Century 300 gal. sprayer \$1700
1 - Little Giant Elevator 38' \$1800
Several model 2600 & 2800 plows, 3
bottom, 4 bottom & 5 bottom, 16"
& 18"
Chisel Plows

USED MACHINERY

1972 JD 4400 combine with
13' platform and
343 corn head \$20,000
1976 MF 750 combine with
14' grain head and 44
corn head \$35,000
1976 New Idea 325 picker-sheller
30" row \$4000
JD 4010 Diesel Tractor \$7500
JD 2520 Diesel Tractor 1972
w/760 hours \$7500
JD 2010 Gas w/Loader \$3500
IHC H Tractor \$1275
IHC 400 4-Row Air Planter \$3500
IHC Model 56 4-Row Planter \$1500
(2) JD 494A Planter,
Ex Cond ea. \$975
JD 7000 4-Row Narrow HD
Coulters 1 yr old \$7500
Starline Spreader, like new \$2000
Case 1737 Skid Steer Loader \$3500
NH 271 Baler \$975
IHC 430 Baler w/thrower \$2500
1740 Cart Harrow 19' new teeth \$1500

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717-524-4637
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Tough, Dependable
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GOOD USED EQUIPMENT

Oliver 1800 diesel, clean, WFE, equipped w/hydro shift
IHC model 350 trailing disc harrow 11'6" good cond.
Ontario hoe drill
Leyland model 2100, 100 hp. w/16.9x34 dual wheels 1400 hrs. w/cab, clean
IH 990 7 ft. mower conditioner
Used NI #213 manure sp(SOLD)
Used NI #279 outditcher, like new



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FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
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TRACTORS
Ford 340D w/Loader
Ford 2600D w/Loader
Ford 3400D w/Loader
Ford 4400G, 3 pt. w/Loader
Ford 4000 w/Loader
Ford NAA w/Loader
Ford 9N w/Loader
Ford 600 w/Loader and Backhoe
Ford 4000 w/Loader and Backhoe
Ford 3500D w/Loader
Ford 640 w/Snow Plow
Ferguson 30 w/Loader
IH Cub w/Loader
KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

Hollinger tractor co.

749 Rothsville Rd., Lititz, Pa. 17543

(717) 626-1120
Call
Larry Hollinger
or Lee Dull
HOME
(717) 949-3451



"We want your business And we'll do our best to serve you," says Larry Hollinger (left) and Lee Dull. Lee is the latest member of the Hollinger team and well known in the construction business

CRAWLER LOADERS
Cat 951C w/ROPS \$17,500
955H \$9,500
Cat 955 12A as is \$4,500
Cat 977H w/cab 90% under carriage \$16,500
AC HDG \$4,500
AC HD 7GB, 1972 model \$8,500
AC HD5 \$3,500
JD 350C, Sharp! \$12,500
JD 450C w/Backhoe, Sharp \$18,500
JD 450 B w/ROPS \$12,500
(2) HD6 Slant Hood \$6,500
IH 175 Sharp! \$8,500
Case 450, Sharp! \$8,500

DOZERS
AC 653 6 way angle dsl w/winch \$6,500
JD 350 straight blade \$5,500
JD 350B 6-way angle \$9,500
D6C w/cab, Sharp! \$32,500

BACKHOES
Bantam C-300 Crane \$8,500
Ford 3400 4,250
Case 580 \$6,000
Case 580 Dsl needs work as is \$4,550
Case 580B w/ROPS \$8,500
AC 60, Nice \$3,850
JD 310 w/ROPS Sharp! \$11,500

GRADERS
(2) Gradalls 2460 dsl U/D ea \$5,500
AC-45 w/cab (diesel) \$6,500

AIR COMPRESSORS
Jaeger 125 \$1,750
(2) Schram, Sharp! ready to go ea \$1,750

TRAILERS
Fruehauf 25 Ton 5th wheel \$3,850
25 Ton Hyster tandem axle, Sharp! \$9,500
Smithco \$2,500

TRUCKS
Mack B61 truck-tractor w/wetline, sharp! \$4,500
1971 Mack F-Model Maxidine w/Jake Brake Tandem Axle \$8,500
1975 Ford Tractor, Louisville, Tandem Axle, as is \$10,500
1972 Ford L9000, Louisville 238 Detroit, Ready To Go \$12,000
1969 Ford Dump, W/Air Sharp \$6,000
1969 Ford Dump \$4,500
1968 Ford Dump \$5,000
1973 Diamond Reo, 185 Cummins, Single Axle, Long Wheel Base Needs Work \$1,850

LOG SKIDDERS
Franklin Log Skidder \$8,500
Case 1816 Skid Loader \$3,500

RUBBER TIRED PAYLOADERS
560 Int w/cab, 6 yard machine \$45,000
Hough 90 w/cab articulate machine \$45,000
W5 Case Make Offer
1979 Ford A62, Dsl, Articulating Machine, 850 hrs \$28,500

MISCELLANEOUS
(2) Winch to put on truck tractor Riding Sweeper Make Offer \$950

Nothing runs like a Deere

THIS WEEK'S SPECIALS

NEW MACHINERY

JD 1610 Chisel, 11' Drawn \$3200
JD Power till Seeder \$6000
JD 45 Plow, 3-16 \$1400
JD 1250 Plow, 3-16 \$1650
JD 1250 Plow, 3-16 \$2300
JD 78 Blade \$495

NO TRADE

USED MACHINERY

TRACTORS	Was	Sale	CORN PICKERS	Was	Sale
JD 4020 PS	\$12000	\$10500	JD 101 picker	500	150
JD 4010	7700	7000			Parts
JD 730 diesel	4800	4000	JD 227 picker	450	100
JD 60	1600	1450			
JD 60, PS	1900	1675	Cultivators		
JD MT w/plows & Culti	1800	1450	JD field cultivator	850	650
JD MT w/loader	1800	1250	JD RM 4R	1200	850
JD B	975	800			
JD B	1100	975	DRILLS		
MH 33	1650	1200	JD FB B 13x7	2000	1500
MF 65	3500	2500	JD FB 13x7	600	475
IHC BN w/culti	1675	1475	JD FB 13x7	350	175

BALERS	Was	Sale	HARVESTERS	Was	Sale
JD 336 baler w/30 ejector	4600	4200	JD 38 w/2R RC	2000	1500
JD 24T baler w/ 2 ejector	1475	1000	JD 35 harvester	2700	2300
JD 24T baler w/ 2 ejector	1700	1000	Fox flail attach	1300	500
JD 14T baler w/ 2 ejector	1495	875	ROW CROP HEADS		
JD 14T baler w/ 1 ejector	650	595	JD 2 row wide	950	750
JD 410 round baler w/preserver applicator	6500	6000	JD 2 RN	600	500
IHC 27 baler w/ thrower	875	550	JD 1R	600	450

BLADES	Was	Sale	MOWERS & MOWER CONDITIONERS	Was	Sale
JD 7' blade for 48 loader	275	200	JD 9 mower	300	250
Myers blade	300	200	NH 1469 SP	4000	3000
Wood blade	75	50	Owatonna 700 SP	3500	2500

BLOWERS	Was	Sale	PLOWS	Was	Sale
Papec	475	375	JD 350 5-16	2800	2400
Gehl	475	375	JD 145 plow		

HARROWS	Was	Sale	JD 125 plow	1000	900
2 JD harrows	175	125	4-16	1875	1500
Brillion 16' Transport	875	675			

POST HOLE DIGGERS		4 16	1600	1300
JD 31	475	400		

CORN PLANTERS		4-16	1000	900
JD 494A planter w/		Ford 142 1 48	1875	1500
insecticide	1600			
JD 494A	900	SPREADERS		
AC no-till 6 RN	3500	NH tank	450	250
IH 455	1675	Starline tank	600	450
	1295			
	700			
	2800			
	1250			

COMBINES			WAGONS		
JD 45	4000	2500	JD L&M	400	350
JD 6620 side hill					
1979	54000	50000	Snoco grain	600	350

CHOPPERS		Shredder	500	500
NH 33 chopper	700	550		



AUKER-ENA EQUIPMENT, INC.

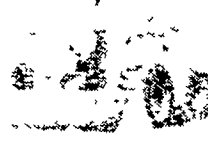
Oakland Mills, PA 17067
717-463-3511 436-2235

New Idea, Gehl, Hesston, Brillion Dealers

ONE ONLY!

Hdyra-Mac Model 9C Series III hydrostatic gear drive, 30 h.p. diesel w/850x15 flotation tires, 52" manure fork bucket and utility bracket.

List Price \$11,026.
Straight Sale Price \$8,995
f.o.b. Fontanna



COMFORT GLOW HEATERS IN STOCK Model GRF9

Danhuser Post Hole Diggers
J/D 2 pt. Log Splitters

ARPS 7' & 8' 3pt. Blades

FALL CLEARANCE ON BUSH HOG DISCS

(1) 1438 12'8" Width
(2) 1438 11'6" Width
(1) 1445 17'8" Folding Wing
(1) 146 12'2" Width Offset

NI 705 w/729A sheller, 738 corn head
NI 702 Gas w/727 husking bed, 725 3R Corn Head
NI 702 w/726 and 720 Corn Heads, engine completely rebuilt
NI 717 Combine
NI 737 Husking Bed
710 Combines
11' & 13' Uni Gran Platforms
723 2 row corn heads
Will separate any above unit

Oliver 880 tractor
NI 214-217, 206 bu. Spreader w/pan, Good Condition
NI 214-217 206 bu. Spreader w/hyd. endgate and top btr.
NI 218, 318 bu. tandem spreader w/hyd. tail gate
NI 218 Manure Spreader w/pan, exc. cond.
NH 510 Single Btr. Spreader, Very good condition

USED EQUIPMENT
NI 213-215 3 btr. w/Gratz chain and hyd. tail gate, very nice condition
(2) NI 404 Wheel Rake
NI 319 & 322 2R Mtd. Picker w/12 roll husking bed, very nice condition
Lamco 16' 2 btr. unloading wagon
JD 24T Baler w/thrower

IH 37 10' Transp. Disc Harrow
Wic Straw Chopper, 7 h.p. in stock, call for demonstration.
Gehl 72B Flail Chopper w/new flail knives, good condition
Gehl 120 Mix-All

New Yorker 252,000 BTU furnace w/2 circulators

THESE ARE THE ITEMS REMAINING IN OUR LARGE DUTCH AUCTION

The Prices will be lowered each business day until sold

ITEM DESCRIPTION	STARTING PRICE 7/5/80	DAILY REDUCTION	PRICE 11/29/80	PRICE 12/1/80
USED EQUIPMENT				
New Holland Blower - Hopper	\$450 00	\$ 1 00	\$324 00	\$ 323 00
New Idea 751 Hay Conditioner	395 00	1.00	269 00	268 00
New Idea 318 Grinder	1450 00	3 00	1072 00	1069 00
New Holland 469 Windrower 9'	1895 00	4 00	1391 00	1387 00
NEW EQUIPMENT				
Glencoe Soil Finisher 12'9"	6500 00	10 00	5240 00	5230 00

WE WILL ACCEPT AND HOLD BIDS ON ANY ITEM

UMBERGER'S MILL

FEED - GRAIN - FARM EQUIPMENT

Dial 717-867-5161 or 717-867-2613

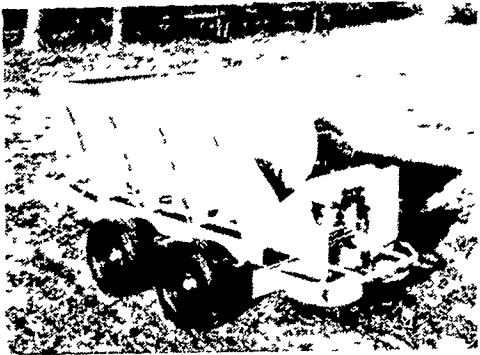
FD #4 (Fontana) - Box 545

LEBANON, PA 17042

FARM EQUIPMENT

FARM EQUIPMENT

STOLTZFUS WET LIME SPREADER



SAVE - Spread Your Own Lime
Less headaches - Spread it when **YOU**
want it spread.

Will spread fertilizer, poultry wastes, etc.
Leaders in accurate spreading for 1/4 of a century.

- Truck mounted or tractor drawn
- Manufacturers of boom type for dry materials
- Distributors for the famous Willmar line of quality spin spreaders, tenders, etc.
- We stock spreaders and parts

C.U. STOLTZFUS MFG. INC.

Morgantown, PA 19543
Ph 215-286-5146



**Nothing runs
like a Deere**

THIS WEEK'S SPECIAL

**1976 Scottdale 30 1 ton dual wheel
Chevy Truck with new 454 engine
excellent for pulling trailers,
JD Dealer Identification Decals,
excellent condition**

USED FARM
EQUIPMENT

JD 4020 WF
JD 4020 NF
JD 630
Farmall M Tractor
Fox 2R Forage
Harvester
JD 215 Grain Plat
form, like new
NH 880 N2 Head
NH 880 W Pickup
Head
243 & 244 Snapper
Heads for JD
Forage Har-
vesters, Narrow &
Wide row
NH Grain Dryer
JD 3300 Combine
JD 45 Combine
w/grain & Corn
Head
Oliver Side Rake
JD 16A Flail Chopper
JD 336 Baler
Bale Wagon
JD 24T Baler w/30
Ejector
IH Hay Crimper
OMC 9 Mower Condi-
tioner
Bradley Elevator
50 Bale Elevator
McCurty Gravity Box
w/JD running gear
and flotation tires
JD 707 4 Row Rotary
Mower
NH 1469 Haybine
w/Ford Water
Cooled Engine
NH 469 Haybines
15 HP 3 phase elec
Motor
JD 1240 Corn Planter
JD 494A Corn Planter
JD 381 Spin Spreader

**FREE FINANCE on
JD Tractors, Hay
and Forage Equip-
ment, also NH Hay
and Forage Equip-
ment.**

NEW FARM
EQUIPMENT

JD 2940 Tractor
JD 2640 Tractor
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 7000 4RN Corn
Planter
JD 1420 2R no till
Planter
JD 1209 Mower Condi-
tioner
NH 38 Flail Chopper
JD 2600 & 2700 4B
Plows
JD 1600 Chisel Plow
JD 45 2B Plow
NH 718 Fg Harvester
NH 892 Fg Harvester
w/Metal Detector
JD 3960 Fg Harvester
JD 336 Baler
NH 310, 315 & 320
Balers
JD 2420 Sp 12' Dsl
Mower Condi-
tioner
NH 1495 SP
Hydrostatic Diesel
Haybine w/cab
NH 489 & 495
Haybines
JD 210 215, & 235
Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer
Loaders 310, 530
632, & 732
JD 381 & 392 Spin
Spreaders
NH 358 Grinder-Mixer
JD 700 Grinder Mixer
Glencoe Soil Savers
EZ Trail Wagons
EZ Flow Forage Boxes
Martin Manure
Spreader V Type &
Scavenger
JD 550 Sprayer
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD
Loaders & Blades

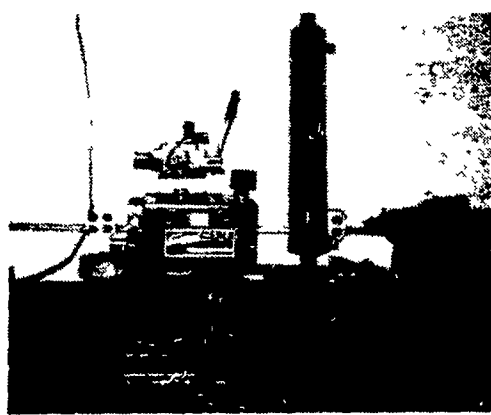
CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103



NEW HOLLAND

FARM EQUIPMENT



WOOD SPLITTER KIT

Pump bolted in reservoir. 1" power shaft
control valve double acting. Cylinder 1 1/4
rod 4" bore, 24" stroke. Rod and mound
holes 1", hose & fittings included.

Price **\$295⁰⁰** Can Ship
UPS

★ Also: 6 & 10 ton wagon hoist kits
available, call for prices & literature.

Call 717-345-4020

FRED SPATZ & SONS HYDRAULICS

R #1, Box 252A, Pine Grove, PA 17963
Dist. of Energy Hydraulic Products

C.J. WONSIDLER BROS.



TRACTORS

AC 7030 D w/cab, air &
heat
AC 7030 D
AC 190 XT D
(2) AC 175 D
AC 170 G
AC D19 D
(2) AC D17 G
AC WD45 G
AC WD G
JD 720 D
JD 60 w/2 row Picker
JD B
Farmall 460 D
Farmall 300
Ford 3000 G
MF 180 D
MF 50
Oliver 500 D
(3) Case 300
David Brown 1200 D
Satoh Elk 550 w/o hrs

COMBINES

Gleaner All w/13'
grain head & 2 row
corn heads
Gleaner CII w/13
grain & 438 corn
heads
NI Uni System 708
w/17' combine
w/13' floating cut-
ting bar, 744W 4
row corn head on
ly 217 hrs like
new!!
JD 55 Corn Special
w/cab, 12 grain &
330 corn heads
JD 55 w/grain & corn
heads
JD 40 w/grain & corn
heads
JD 45 w/grain & corn
heads 1968
MF 82 w/grain & corn
heads

NH 975 w/grain & corn
heads
IH 203 w/grain & corn
heads

MANURE
SPREADERS

NH 218, 275 Bushel
(2) NI 213, 176 Bushel
AC 281, 140 Bushel
Badger 175 Bushel
NH 675 275 Bushel
NH 510, 163 Bushel
Hawk Bilt 255 Tank
Spreader

CORN PICKERS

NI 323 1 row
NI 10 1 row
NI 105 2 row mounted
w/307 husking bed
for JD tractors
NI 305 2 row mounted
w/307 husking &
302 sheller bed for
Farmall tractors

MISCELLANEOUS

Hydra Mac 8 Skid
Loader, rebuilt
w/bucket &
manure fork
NI 506 Front end
loader
Weaverline 121 24
Bu Electric Feed
Cart
Agway 30 Bu Electric
Cart, only 3 years
old
Uhbler 35 Bu Electric
Cart
Morige 400 Grain
Dryer only 4 years
old
Behlen 200 Grain
Dryer w/engine
JD 17 Disc Drill
McCormick 13 Disc
Drill

**BIG FALL SALE on Mitey Mac
6C Skid Loaders, Lehman Little
Dipper Skid Loaders, and
Myers Snow Plows for tractors
ONLY! "BUY NOW AND SAVE
HUNDREDS OF DOLLARS!"**



Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523
OR Rts 309 & 100, New Tripoli, PA (215) 767-7611

FARM EQUIPMENT

SPERRY



NEW HOLLAND

USED EQUIPMENT

Corn Head for M or L
Gleaner Combine, 4
Row
Hesston PT10 Haybine
Gehl Mower Conditioner
Hesston 12' Hydro
Swing Mower
Conditioner
NH 790 Manure
Spreader
NH 325 Skid Loader
(2) NH #8 Self
Unloading Wagons
(2) Good Flat Bed
Wagons w/running
gears
Used Balers
Used Discs

USED TRACTORS

AC CA
AC D17 Series 4
AC D19
Farmall M Diesel
w/MH Picker
Used Lawn & Garden
Tractors w/mowers
NEW EQUIPMENT

**Good Price
on
Kastor Forage
Boxes**

AC 2600 16' Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators
formerly N.H.
Morige 400 bu. Dryer
Gleaner Combines

NEW HOLLAND
MANURE
SPREADERS

NEW TRACTORS

AC 7045
AC 5050
AC 7010

**BHM FARM
EQUIPMENT INC.**
RDI, Annville, PA
717-867-2211

FARM EQUIPMENT

FARM EQUIPMENT

BALDWIN ELECTRIC
MOTOR DIVISION,
INC.

Warehouse and Factory Service

Call 717-354-5566
Call 717-354-4651

BALDOR ELECTRIC MOTORS



Serving Southeastern Pa.,
Maryland, Delaware &
New Jersey

FARM DUTY MOTORS IN STOCK
P O Box 232 Honey Brook PA 19344

FOR SALE

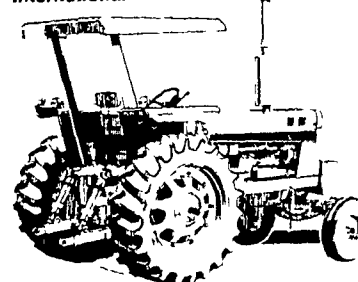
1 1830 Oswalt mixer feeder with scales
1 yr old \$5500
1 760 Schwartz mixer feeder with scales,
approx 3 yr old \$4500
1 New 1500 gal vacuum liquid manure tank
with 6"x15' fill hose \$4000
1 Demo 210 VanDale truck mount mixer
feeder with scales mounted on 1971 GMC
truck, 350 V8 with 4 speed motor
rebuilt \$12,000
10 ft thru 16 ft rebuilt VanDale silo
unloaders
1 7 ft Vaughn chopper manure pump rebuilt
540 PTO drive shaft \$2500
New VanDale stationary and trailer model
mixer feeders in stock
12 ft thru 30 ft New VanDale silo unloaders
in stock
New 1/2 hp 10 hp Baldor motors in stock
New Van Dale manure pumps, centrifugal and
agitator filler pumps in stock
as well as liquid manure tanks and soil
injectors
K&S Inc. Also is stocking Uebler electric feed carts
and mixer feeders. Also a complete line of
Red Top Cattle waterers with S S troughs

Contact

K & S INC.

Rd 1, Quarryville, PA 17566
717 234-3111

International 686 Tractor



• No Trades Except Late
Model IH Diesels

TRACTOR SPECIALS

★ **686 DIESEL TRACTOR**
• 2 Valves (Demo)

\$15,500

★ **1086 DIESEL TRACTOR**
• Red Power Demo. with 20.8x38
Tires, Cab & Air, Rental

\$29,500

Call For Clearance Prices On This
IH Equipment...

IH 315 Packer Mulcher, 20' Folding (Demo)
IH 501 Disk Harrow, 12'5" (New)
IH 475 Disk Harrow, 12' (New)
IH 720 6-Bottom On Land (Rental Unit)
IH 735 6-Bottom Vari Width (Demo)
IH 595 Manure Spreader With Hyd. End Gate (New)
IH 575 Manure Spreader With Hyd. End Gate (New)
IH 4586 With 24.5x32 Duals (New)
IH 4130 Skid Loader (Rental Unit)

**Super
Specials!**

Check These Prices...
• All New Equipment (unless otherwise
marked)
• All Prices FOB, New Berlinville...No Trades

Glenco Soil Saver SSP 78 (Demo) \$3695
Tye Pasture Pleaser (Rental Unit) \$3095
Poplarville Mainline 19' Folding Packer,
Nodular Wheels \$3995
Woods RB850-1 Rear Blade, 3 Pt. Hitch (Weathered) \$795
Cordwood Model 101 Saw, 3 Pt. Hitch. \$825
8x16 Bale Wagon with Steel Bale Sides And
8-Ton Running Gear. \$1200
John Blue 1000G Tractor With 1 Row Cultivator
and Int. Cub Engine \$4295
Fahr KH500 Tedders \$2200

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545
Ph: (215) 367-2169

Winter Hours: Daily 7-5:30; Sat. 7-1



INTERNATIONAL AGRICULTURAL EQUIPMENT

SPECIAL OF THE WEEK NEW 7' SNOWBLOWER FOR 1475

USED TRACTORS

IH F544 D w/WF	7,150
IH I-504 D w/loader	5,350
IH 806 D, recon.	9,500
Farmall 350	2,100
F-460 G, engine good needs TA	1,975
Farmall 300	1,750
Farmall M	1,350
Farmall M	1,500
Farmall 300 gas. . . as is	1,100

PLOWS & TILLAGE

IH 540 4-16" plow, semi mt.	1,250
IH 531 3-14"	550
MF 3 pt. 10' disc.	450
MF 520 14' disc.	1,350
JD 12' drag harrow, nice	450
IH 60 3-14" rope trip	300

USED FORAGE EQUIPMENT

IH 350 harvester w/1-row & pickup	1,350
NH 818 harv., 2 hds. as is	650
Gehl pickup hd. for CB600400	
NH forage box w/chassis	1,500
IH 61 forage box w/chassis	1,800
Van Dale forage box w/roof	1,400
Dion forage wagon . . . as is	750

USED SPREADERS & MISCELLANEOUS

Starline 710 tub Spreader	750
Hawk Bilt 257 Tandem axle	2,350
Grove 7' blade	150

USED COMBINES

MH 82 w/13' plat.	1,250
MH 92	1,250

USED CORN PICKERS SPECIALS

IH 6A cornpicker 2-row	650
IH 1 PR corn picker 1-row	500
IH 234 w/sheller	Best Offer

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114

FARM EQUIPMENT

USED EQUIPMENT



TRACTORS.

- MF 25 D Tractor
- Oliver 1755 Diesel
- Oliver 1800 Diesel
- Ferg TO-20
- Ford 861 w/snowplow

COMBINES:

- '76 JD 6600 Diesel
- JD 55 Combine w/2
Heads

CORNHEADS:

- JD 443 & 444
- MISCELLANEOUS:
- Oliver 4 Bot Spring
Semi-Mtd Plow
- NH 270 Baler
- Int 990 7' Mower
- Conditioner
- Vicon Spreader
- IHC Disc
- JD No 110 Disc, 11'5"

• We Accept Trades on
Above Machines -
w/waiver of interest
where applicable.



NEW HOLLAND DOLLAR DIVIDEND DAYS.....

Plus Old Prices
On ..chney In Stock

KERMIT K. KISTLER, INC.

Rt. 143,
Lynnport, PA 18061
PH. 215-298-2011

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT



NEW HOLLAND

JAMESWAY

DUNHAM

- ★ Terre Hill Silos
- ★ McCurdy Bins
- ★ Hub Tool Elevators
- ★ Walsh Sprayers
- ★ New Holland - Balers, Harvesters, Rakes, Mowers, Haybines, Spreaders, Grinders, Skid Steer Loaders. Stocked Ready For Delivery.

FREE FINANCE ON

- New Holland New & Used Hay Equipment Until June 1, 1981
- Harvesting Equipment til August 1, 1981



NEW EQUIPMENT FALL SUPER SPECIALS

NEW HOLLAND

#478 Haybine	\$4,560
#472 Haybine	\$4,750
#325 Loader 54" bucket	\$8,375

PLUS DOLLAR DIVIDEND DAYS

USED EQUIPMENT

NH 477 Haybine
(2) NH 469 Haybines
NH 479 Haybines
JD 1269 Haybine, Ex Cond.
NH 512 Spreader
NH 518 Spreader, top beater
NH 518 Spreader, hyd. end gate
NH 519 hyd. end gate & Top btr.

NH 676 Spreader w/hyd. endgate
NH 475 Spreader Ex. Cond.
NH 268 Baler w/Thrower
NH Super 69 Baler w/Thrower Ex.
Cond.
NH 770 Pickup Head
NH 55 Rake
NH #23 Blower
NH #27 Blower

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215-273-3131 — 273-3737



SPERRY NEW HOLLAND

OUR POLICY ON MACHINERY, PARTS & SERVICE
• QUALITY FIRST • AT A FAIR PRICE



YEAR-END CLEARANCE ON GOOD USED EQUIPMENT

Check This
Buy

New Holland 489 Haybine
\$5250

USED EQUIPMENT

McConnell forage Wagon,
3 Beater, w/roof
Case 995 S.P. Windrower
w/10 Ft. Head
N.H. 273 Baler w/Engine
(2) N.H. 273 Balers w/54A
throwers
N.H. 320 Baler w/thrower, 1
year old
N.H. 275 Baler w/Thrower
N.H. 272 Baler w/Engine
N.H. 275 Baler w/Engine
AC 160 Utility Tractor

Farmall M Tractor
AC 80-S Mower
Several Other Good Used
Spreaders
N.H. 26 Hopper Blower
(2) N.H. 479 Haybines
N.H. 1469 Haybine
(2) N.H. 489 Haybines (Ex-
cellent Condition)
N.H. 850 Round Baler, A-1
condition
AC 2315 Fold-up Disc Harrow
Hydra-Max 12C Skid Loader

IH 3200 Skid Loader
N.H. L-35 Skid Loader
10 1/2' Brillion Transport
Harrow
Winpower 20,000 Generator
like new
N.H. Self Propelled 1895 Har-
vester w/4 row head
A.C. E330 Corn head, ex-
cellent condition
(2) NH 256 Rakes
(3) NH 256 Rakes
Moridge Grain Dryer Model
350 (400 bu.) w/a new
burner

SPERRY NEW HOLLAND DOLLAR DIVIDEND DAYS

Act Now! We have some
really good deals on
Hay Tools.

AUTHORIZED

SPERRY NEW HOLLAND
PARTS and SERVICE

STARLINE

SALES & SERVICE

PARTS & EQUIPMENT

L. H. BRUBAKER, INC.

350 Strasburg Pike, Lancaster, PA
Phone: 717-397-5179



WAIVER OF FINANCE

- ★ Forage Equipment w/Hay Heads till June 1, 1981
w/Cornhead till August 1, 1981
- ★ Hay Tools till June 1, 1981

CALL OUR FRIENDLY
SALESMAN BOB GANTZ
717-397-5179 or 687-6002 Or
Call His Home 653-5020 anytime



1088
131 4 PTO hp

M & R EQUIPMENT, INC.

New Park, PA
4 mi. E. of Stewartstown, PA
Ph: 717-993-2511

Red Lion, York, Brogue, Loganville
- Ph 246-1972 Residence 301-452-8693
after 6 P.M.



988
105.6 PTO hp

TILLAGE SALE PRICES WILL NEVER BE LOWER!

720 4 x 18" plow, auto. reset - \$5700
720 5 x 18" plow, auto. reset - \$6100
720 5 x 20" plow, auto. reset - \$6250
475 wing disc 17' 5", 22" blades - \$6600
510 3 x 16" plow, semi mtd. - \$2600

WAIVER OF FINANCE UNTIL 3-1-81

WAIVER OF FINANCE NOW AVAILABLE ON

TILLAGE - 3-1-81
PLANTERS - 4-1-81
HAY EQ. - 5-1-81
FORAGE - 8-1-81
SPREADERS, LOADERS,
GRINDER MIXERS - 3-1-81
TRACTORS - 3-1-81
COMBINES - 9-1-81

INCLUDES BOTH
NEW & USED
MACHINES
OR
TAKE A REBATE IF
YOU CHOOSE NOT
TO WAIVER

EXAMPLE —
830 FORAGE HARVESTER
If Waiver is not taken
you get \$1000 rebate

USED EQ.

470 wing disc 17'5"
IH 4130 skid loader
#10 New Idea picker
JD 150 dump wagon
JD 14' rotary mower
IH 56 blower, nice
Many Used Disc Harrows
401 spring tooth harrow used
very little
JD 2510 gas w/loader
AC D17 w/loader, nice
Super C
IH 2400A tractor w/6 way
blade, ideal for snow removal

IH 815 COMBINE, DIESEL
HYDRO, RECENT OVER-
HAUL, 844 CORN HEAD,
NICE
WAIVER UNTIL 9-1-81

—PARTS SPECIAL—
IH 462314R1 MOLDBOARD
Reg. \$71.60
NOW \$53.73



Your authorized SPERRY NEW HOLLAND dealer

FARM EQUIPMENT

FARM EQUIPMENT



John Deere design,
dependability,
and dealers
make the
difference



NEW EQUIPMENT

New Tractors
JD 1050
JD 950
JD 850
JD 2440
JD 2040
JD 4440 w/PS, cab &
air

USED HARVESTERS

JD 34 w/2 RC & hay
pickup
JD 38 w/2 RCN & hay
pickup
JD 3800 w/2 RCN &
hay pickup
NH 707 3 pt hookup
w/RC attach

NEW FORAGE
HARVESTERS

JD 3940 w/2 RC & hay
pickup
JD 5440 SP w/3 RC &
hay pickup

NEW
JOHN DEERE EQUIP

JD 350 5 bottom semi
mounted power
reset plow
JD 215 12" 10" disc
harrow

USED TRACTORS

JD 4520, SR w/year
around cab
JD 4320, SR, WFE
JD 3020 diesel
JD 3020 gas
JD 2520 gas
JD 2640 HU diesel, hi
lo
JD 2440 HU diesel, hi
lo

JD 2630 HU diesel
JD 2030 RU diesel
w/48 loader
JD 2010 gas RC
JD 720 diesel RC
IHC 656 diesel hydro,
exc
IHC Super C
Farmall A w/cult

USED PICKERS

NI 324 2 RW picker
NI 323 1 R

USED COMBINES

Massey 300 w/cab &
13' platform, 3 RW
head
708 NI power unit, like
new w/hydrostatic
cab & air

**NEW IDEA 206
GROUND DRIVE SPREADERS
WILL BE COMING
(Taking Orders Now)**

LANDIS BROS., INC.

1305 Manheim Pike
Lancaster, PA 17601
717-291-1046

FARM EQUIPMENT

FARM EQUIPMENT



**WISCONSIN
HEAVY DUTY
ENGINES**

**YEAR END SALE
20 to 40% Discount
On 50 Engines In Stock**

Wisconsin, Wisc.-Robin &
Briggs & Stratton

EXTRA SPECIAL

AENLD 9 hp w/cl. red. **\$885**
VH4D 30 hp w/cl.-red.
(Crank start) **\$1550**
VH4D 30 hp w/el.-red.
(electric start) **\$1795**
B&S 10 hp cast-iron **\$325**

"December Only" This offer
will not be extended after
December 31, 1980
(Additional Listing Next Week)

FISHER ENGINE SERVICE

3141 Old Phila. Pike, Bird-in-Hand, PA
17505
Phone 717-768-3729



**NEW EQUIPMENT IN STOCK
MASSEY FERGUSON**

154 4 diesel tractor	255 MP tractor
184 4 diesel tractor	265 MP tractor
205 4 diesel tractor	265 8 sp diesel
245 8 sp diesel	tractor
tractor	2745 MP diesel tractor
255 8 sp diesel	row crop w/cab
tractor	
2805 diesel tractor	124 balers w/throwers
multipower, row	129 chisel plows
crop, cab	227 snow blades
13' & 15' tables & reels	Glenco soil saver 7
1144 corn head	shank
640 4 row planter	

**CUSTOMER REBATES & WAIVER OF FINANCE
CHARGES ON NEW EQUIPMENT ONLY TILL
JANUARY 30, 1981**

AG TRACTORS	COMBINES
Compacts \$150	500 series \$1000
30 99 hp \$350	700 series \$2000
2000 series \$1000	CORN HEADS
4000 series \$2500	\$100 to \$500

USED EQUIPMENT

MF 285 diesel tractor	MF Super 92 combine
8 sp	MF 410 combine w/43
MF 2805 diesel trac	corn head
tor 350 hrs 1 yr	NH L 225 skid loader
warranty	Case 1160 combine
MF 750 diesel combine	w/13 grain table
3 yrs old w/new	FULL LINE
grain table	OF EQUIPMENT
MF 760 diesel combine	AVAILABLE
w/16 heads	

**ERTL MASSEY FERGUSON
TOYS**

USED EQUIPMENT

Gehl 320 bu Manure Spreader w/3 Beaters &
Hyd Liquid Tailgate, like new
Gehl 120 Mix-All, Like New
Brady Soybean Processor
Starline 180 Tank Spreader
717-538-1468

**ABRACZINSKA'S
Farm Equipment, Inc.**

RD 1, Catawissa, PA.
717-356-2323
(south on Rt 42)

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

BINKLEY & HURST BROS., INC.

**ANNUAL DISCOUNT
CASH & CARRY DAYS**

ON PARTS & MACHINERY

Coming **The Week Of
DECEMBER 15 - 20**

**Watch For Details In
The Dec. 13 Issue of
Lancaster Farming**

Refreshments Will Be Served

BINKLEY & HURST BROS., INC.



133 Rothsville Station Rd.
Lititz, PA 17543
Phone: 717-626-4705

**SPERRY NEW HOLLAND
DOLLAR DIVIDEND DAYS
SEE US NOW FOR**

DIVIDENDS ON NEW HOLLAND EQUIPMENT

USED EQUIPMENT

TRACTORS

IH 300 w/Loader
Farmall C
IHC Cub 185 Lo-Boy
w/mower
JD G

**TILLAGE
EQUIPMENT**

Brillion 12' Packer
AC 12' Trans. Disc
Oliver 12' Transp.
Disc
JD RM4 Cultivator

**FORAGE
EQUIPMENT**

NH 717 harvester
w/pickup
NH 717 Harvester
w/1 R Unit
JD 35 w/1R Unit
JD 38 w/2N Unit
Gehl 600 w/2R &
Pickup
Gehl Snapper for 600
Gehl 72C Flail
Harvester
NH 1 R Head for 880
Kasten Forage
Wagon w/roof

**PLANTERS &
DRILLS**

(1) JD 494 Planter
(3) JD 494A Planters
JD 1300 Planter
JD 1240 Plate
Planter
IH 10-16 Double Disc
Drill

COMBINES

JD 6600 w/15' Rigid
Platform
JD 40 w/2 row head &
Grain Platform
Oliver 545 w/13' Plat-
form
AC K 2 w/12' Plat-
form
AC G w/13' Flex-
Platform

HAY TOOLS

IH 37 Baler w/thrw.
JD 224T Baler
w/thrw.
NH 270 Baler
w/thrw.
NH 271 Baler w/hutch
& chute
NH 495 Mower Condi-
tioner
(2) NH 479 Mower
Conditioners
Hesston PT 10
Mower Condi-
tioner
AC 390 Mower Condi-
tioner
IH 990 Mower Condi-
tioner

**OTHER
EQUIPMENT**

JD 392 Fert.
Spreader
Lamco 16' Feeder w/
NH 230 Wagon
Walsh 300 gal.
Sprayer
Century 200 gal.
Sprayer
Martin Manure
Pump for 8' Pit

NH 1495 HAYBINE, FULL CAB - \$14,000



FREE FINANCING
ON SOME ITEMS

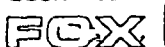
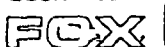


I. G. SALES

DeLAVAL
JAMESWAY

Silverdale, PA 18962
215-257-5135

Quonset
Buildings



TRACTORS

IHC Cub Cadet Tractors w/Equip-
ment all Horsepowers
IH Cub Low-Boy w/mower, plow,
disc and cultivator
Farmall Super C
Farmall M
Farmall F300
IHC 330 Utility
IHC 460 Tractor
IHC 606 Diesel
IHC 656 Diesel

IHC 706 Diesel
IHC 806 Diesel
IHC 1256 Diesel
IHC 1466 Diesel
JD 1520 Gas
JD 2510 Diesel
Ford 801 Diesel
Ford 850 Gas
David Brown 995 Diesel
Minn. Moline 5 Star Gas

USED EQUIPMENT

IHC 414 2 pt. hitch plow
IHC 311 3x14 2 pt.
IHC 710 3x16 Semi-Mtd. Trip
Beams
IHC 720 6x18 On-Land hitch, new
demo
IHC 350 10'3" Transport Disc
Pittsburgh 10' Transport Disc
IHC #10 16x7 Grain Drill
IHC 510 18x7 Grain Drill
JD 15x7 Grain Drill
IHC 47 Baler w/thrower
JD 24T Baler w/thrower
NH 269 Baler w/thrower
IH 1000 Sickle Bar Mower
Gehl 1500 Round Baler
Hesston M140 1400 gal tank
spreader
NI 213 Spreader
NI 214 Spreader
NI 218 Spreader
NI 224 Spreader
IH 580 Spreader

IHC 205 Combine
IHC 1150 Grinder-Mixer
Cobey 1772 11 ton running gear
Cobey 4000 14' Forage Box
Gehl 920 16' Forage Box like new
IH 2000 Loader
Case Loader
NI 503A Loader
IH 300 8 1/2' 2 pt. Blade
JD 8' Fertilizer Spreader
NI 702 Gas Uni
NI 702 Diesel Uni
NI 710 Combine
NI 711 Platform
NI 713 Platform
NI 723 2R Head
NI 731 4R Head
NI 734 3R Head
NI 738 4R Head
NI 726 Husking Bed
NI 729 A Sheller
NI 760 Forage Harvester
NI 762 2R Head

**JOHN DEERE 38 FORAGE HARVESTER
WITH 2 ROW NARROW HEAD
Cut 40 Acres**

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

**VERY REASONABLE ROCK BOTTOM STRAIGHT
SALE PRICES—DEALERS WELCOME—
SOME BELOW WHOLESALE
(ALL DIESEL WIDEFRONT UNLESS SPECIFIED OTHERWISE)**

FARMALL
766 - Rollbar
1975 . . . \$9750
Super C . . \$1450
1066 - White Cab -
Air . . \$11,500
2404 w/Sickle
Mower - Gas - P S.
- Nice . . . \$6000
Cub - Hyd -
Yellow & White
\$2450
Hydro 70 -
1975 . . \$9500
856 . . \$9250
826 hydro -
nice . . \$8250
706 . . \$5250
656 - Hydro \$6750
100 Hydro - Cab -
New Paint - New
Tires - 1973 -
\$10,000

OLIVER
(2) 1755's
CHOICE \$6900
1850
w/Duals \$5250
1950 GM -
Rollbar \$6950
White - 4-150
w/Cab
Duals \$15,000
2655 - 4WD 3 pt
PTO - New
Paint \$10,500
1850 - 4WD -
Diesel - New
Paint \$7500
Oliver 1855 \$6750

(10) COMBINES CALL
CHISEL PLOWS
Athens 13' pull \$1475
Kewanee 9' pull
new \$1475
Athens 10' 3 pt
new \$1375
Glenco 9'
Soilsaver \$3400
(3) JD 3 pt vibra
shank w/wings
From \$795

ROLLBACKS
1981 Int 2500
Tandem 290 Cumm
ings
1110' Trans Double
P S
New Jerr Dan
26 Rollback Built
Super Heavy \$48,500
1981 Int \$2500
New 26' Jerr Dan
Rollback w/winch
238 Detroit
New Condition Built
By Us \$34,500
1975 Int 2050
Tandem Cat 225
Diesel 10 speed
R R New 26'
Jerr Dan Rollback
Heavy Duty \$23,750

**DUMPS -
CONSTRUCTION**
1974 Ford Louisville
Single Axle New
9 Dump Body
225 Cat Diesel
Very Nice \$14,750
1974 Int 2050
Single Axle New 9
Dump Body 225
Cat Diesel Very
Nice \$14,750

DUMPS - FARM
1974 Ford Louisville
Single Axle New
18' Omaha Dump
w/Cattle Racks 225
Cat Diesel \$16,750

NEW SPECIALS GOOD PRICES

(Dealers Call For Good Wholesale Prices)

210 Bu (Small
Grain) Gravity
Bins \$450
3 Pt PTO
Woodsaws \$875
3 Pt Boom Poles \$60
4 5 6 - 6 7
Landscape boxes \$425
\$450 \$475 \$500
6 3 Pt
Blades \$165
7 3 Pt
Blades \$245 \$475
8 3 Pt Blades \$495
1200 Bushel Speedy
Corn Crib \$795
12' Post Hole
Diggers \$395

JOHN DEERE
4430 - Cab -
Air - Quad -
Good \$17,500
1520 - Rollbar -
Very Nice - Late
Model . . \$7500
2020 - Gas -
PS . . \$5500
830 - Cab - 2 Cyl
Standard - New
Paint . . \$3500
(2) 820 - 2 Cyl
Standards
\$2900 & \$3300
3020 . . \$6000
4020 PS -
Console \$9750
4320 - New Tires -
New Paint
\$11,500
301 w/Loader - 3
pt PTO \$5750
5020 \$8250
4020
Powershift \$8500

FORD
4000 - Try -
Selectospeed
\$3250
9600 - DP - New
Tires \$9800
5200 \$5850
5200 w/cab \$7500

ALLIS CHALMERS
185 w/Cab - \$8500
D21 -
Series 2 \$6950
160 - Nice \$4500

**(8) CORNPLANTERS -
Call**

(5) SPREADERS - Call

DISC'S
Int 32 wheel \$1600
Int 36 wheel \$1600
(2) Int 40 wheel \$1600
Int 44 wheel \$1800
Int 36 w/wings \$3900
Int 36 w/wings \$4500
Int 44 w/wings \$4500
JD 32 w/wings \$3900
JD 28 wheel \$1400
JD 36 wheel \$1600
White 36
w/wings \$3900
(3) Long Offsets \$4000
Hutchmaster
Offset \$4500
Wilbeck Offset \$4500
Bush-Hog w/wings
new \$6700
Int 1 Point FH \$395

**(6) CULTIPACKERS &
MULCHERS - Call**

(3) BALERS - Call

NEW & USED CARS

(2) New ROPS Cab
for MF 1085 1105
1135 1155 \$2450
New Case 930
1030 Cab \$1950
New Cab for MF
1150 Tractor \$1950
New Oliver Cab (1550
thru 1655) \$1750
New Combine
Cabw/Defroster for
IH 101 303 403 503
Combine \$1200
JD 830 or 820
Cab \$650 & \$1000
NI Uni Tractor
Cab \$1000
Int 203 Combine
Cab \$1000
JD 45 Combine
Cab \$1000
(13) Long Rollbar
(New) \$275

LONG
310 - New \$5900
360 - New \$6500
(2) 560 - New
Paint - Low Hours
Nice . . \$5500
560DT -
New . . \$8500
560DT -
Spider . . \$4900
610DT - New -
\$11,900
(2) 510 Crawlers -
New \$10,900
310C - New \$6750
310 DT -
New \$7950

MF
265 - 1975 \$7750
1155 - New
Paint -
1974 \$9500
1085 w/Cab
- 1973 . \$8750
1105 - w/duals -
- 1973 . \$8750

CASE
1470 - Cab - 3 Pt
- Low
Hours \$13,500
1030CK \$4750
930 CK \$4750
930 CK \$5250
1030CK \$5250

**(10) USED LOADERS -
Call**

**(10) CORNPICKERS
& SHELLERS**

**LARGE SELECTION OF
NEW IDEA UNI SYSTEMS
& ATTACHMENTS - CALL**

CARS & PICKUPS

1980 Buick Regal
Limited
1980 - Buick Regal
Coupe
1980 Olds Cutlass
Supreme
Brougham (Diesel)
1980 Chevy LUV
4WD Pickup
(3) 1980 Chevy
Silverado Diesel
Pickups
1977 Chrysler Cor
doba
1964 Chevy Impala
Convertible
1967 Ford Shelby
GT500 4 Speed
1978 Lincoln Ver
sailles (Needs
Body Work)
1977 Cadillac Coupe
Deville

TRUCK TRACTORS

(All Diesel)
1970 Dia Reo
conv screw \$9500
1969 Dia Reo
Sleeper screw \$3800
1968 F Mack
Sleeper screw \$2800
1976 Ford 700
single \$13,000
(2) 1974 Ford
Louisville
single \$10,500

MISC. CONSTRUCTION

JD 350 Winch \$300
Int TD9 Winch \$500
Davis DH5 trencher
New Diesel \$14,500
JD 420 winch \$600
New winch \$1000
(6) Sweeper
attach From \$95
(40) Used hoe
buckets From \$150
(25) Loader
buckets From \$95
New landscape
boxes From \$425
(4) Set forklift
forks From \$195
Sheepsfoot
Roller \$1750
Cat D2 Winch \$650
JD 1010 Winch \$250
JD 24 Skid Steer
Loader nice \$4500
Air Compressor
(Garage Type)
Like New \$1750
5 HP \$1750
4 Cyl Detroit Diesel
Powerunit \$3250

**OUR NEW YORK
STORE INVENTORY**

TRACTORS
Farmall 856 Try 2200 Hours - Nice \$8250
With Axle Duals \$8750
Farmall C w/2xPLOW \$1250
JD 820 Cab - New Paint \$3800
AC 5050 - 600 Hours Very Nice \$7750
Farmall 656 - Gas WF - 3 Pt \$3950
Case 585 Forklift - Diesel
5000 lb - 14' Lift \$11,500
AC HD6 Dozer \$4500
Int 460 w/Loader \$2750
Int 4186 - 600 Hours
Cab - Air - 3 pt - PTO
ROPS - Excellent \$24,500
Int 6x18 Reset PLOW
For Above Tractor
Excellent \$5,950
Pair For \$27,500
Farmall 1206 Cab nice \$8900

MACHINERY
INT 40 Blade Disc Like New \$1900
JD 1209 Haybine \$2250
White Wing Disc Like New \$4250
NH 880 2x30 Cornhead - Weathered New \$1850
(3) NH 717 Pickup Heads From \$500 & Up
Dunham Cultipacker Wide \$595
5' 3 Pt Rotary Mowers Demo \$495
6 3 Pt Scraper Blades New \$195
7' 3 Pt Scraper Blades New \$245
Cement Mixer - New \$575
Gravity Bin - New \$450
5 Ton Rawhide Wagon New \$395
8 Ton Rawhide Wagon New w/Tele Tongue \$550
10 Ton Rawhide Wagon - New w/Tele Tongue \$595
12" Post Hole Digger - New \$395
3 Pt Disc - New 6'6" \$495
3 Pt Boom Poles - New \$60
4' 3 Pt Landscape Box - New \$425
5'6" 3 Pt Landscape Box New \$1450
6' 3 Pt Landscape Box New \$475
7' 3 Pt Landscape Box New \$500
NH 467 Haybine Nice \$2500
NH 451 3 Pt Mower 1 Yr Old Excellent \$1150
Late Style Pickup \$4000
IH 400 Cycle Planter 4 Row Nice \$2500
(2) Fox Hopper Blowers \$695 & \$895
Ford 2 x 3 Pt Planter \$250
Used 3 Pt Blade \$225
Snow Plow (Ford) \$300
MF 4X 3 Pt PLOW \$500
1974 Ford Louisville 8000 New 24 Jerr Dan
Rollback w/winch 225 Cat Diesel \$18,750
MC 600 Dryer \$2900
Long Offset Disc Heavy Demo 10 \$4250

NEW YORK STORE

Located On Rt. 89,
11 miles South of Seneca Falls,
New York

Salesman: Leon Martin
Ph: 315-549-7140

(25) CULTIVATORS - Call

CRAWLERS
JD 450 6 way
dozer \$10,000
Cat 941
loader \$17,500
(2) Cat 933
loader \$6750
Cat 933 Swamp
loader \$6750

BACKHOES

Long 3 pt
Hoe new \$4500
Long 5 in 1
w/cab & crane \$17,500
(2) JD 310
\$9500 & \$10,500
Ware Hoe
Attach \$2750
Ford 4500
(1972) \$6750

PLOWS

AC 2X Rollover -
SC \$300
(6) AC IX \$50
(2) JD IX \$150
White 6x18
reset \$5000
(14) Int IX From \$50
(2) Int 4x16 semi
reset \$3250
(2) Int 5x16
Reset \$3250
(3) MH pony IX \$125
Int 4x semi \$650
IH 4x18
semi-reset \$3500
(2) JD 4x16 pull \$595
JD 3x16 pull-trip \$495
JD 4x16 semi
mtd \$1150
(2) JD 5x16 semi
mtd \$1350
Case 4x16 semi
mtd \$1150
AC 4x semi mtd \$850
JD 5x16 Pull \$975
JD 5x semi mtd \$1350
(2) JD 4X pull \$14,500

**(4) SPRING TOOTH
HARROWS - Call**

(4) BLOWERS - Call

SKIDDERS

Franklin
160B \$2750
Franklin
133B Pack \$7750
N Back
JD 440B
1972 \$9750

FORKLIFTS

Ford 30'
Diesel \$12,500
JD 2010 \$5950
Int 340 \$4950
Yale 3000 Lb \$3950

MISC. MACHINERY

NI cut ditioner \$1775
NH 479 haybine \$3500
NH 258 rake
new \$1950
Lely 10' rotterra \$1450
(6) Snow plows
From \$195

New 300 gal
pull sprayer \$1000
Hesston 10
stacker \$3500
Hesston 10W
mower \$750
10' Waldon
blade \$3000
JD 2X potato
digger \$1495
(5) Int side dresser
attach From \$125
Int 13 drill \$2000
MME Sheller \$1850
NI Cuditioner \$1150
Bush Hog 14'
Mower \$1750
2x Potato Planter \$375
2x Potato Digger \$350
Mc Rake \$95
NI Rake on
Rubber \$195
3 Pt Scraper
Blade \$160
3 Pt P T O Woodsaw
Demo \$825

TRAILERS

1969 Great Dane
35 ton
detachable \$13,750
1977 Delta 44'
drop deck
w/beaver tail \$9,750
8 ton Lowboy w/
beaver tail \$2950
New HD10 2 1/2
ton \$1800
(3) New HSE14
4 ton From \$1450
New HSM14
6 ton \$2100
New HSL146
ton \$2450
(5) New HTR16
8 ton From \$3250
New HTRB18 18
ton \$5875
Wolverine 30'
Gooseneck
TRL 12 Ton Ramps
Like New \$6500

**TRACTORS - MECHANICS
SPECIALS - (ALL RUN)**

(2) Case 930 Diesel Standards -
Need Engine Overhaul . . . \$2400
David Brown 990 - Needs Engine
Overhaul - 1974 (Late Model) . \$3250
Farmall 656 Diesel - WF - 3 Pt -
Needs Paint & General Work - TA
Bad . . . \$3750
Farmall 560 Diesel - Nice Clean Tractor
Bad TA - Head Gasket . . \$3300
Farmall 560 Gas - Uses Oil - Looks
Poor . . \$2000
Farmall 460 Gas - Bad TA - WF . . \$2000
Farmall 856 w/Cab - Needs Engine
Overhaul 1969 - Good Options \$6800
Farmall 806 Diesel - Bad TA - FH - 1000
P.T.O. . . \$4000
(3) Farmall 450 - Gas & Diesel - Need
General Work . . \$1500 to \$2000
Farmall 400 - Gas - Needs General
Work . . \$1500
(2) MF 85 - Gas & Diesel - Poor
Condition . . \$1500
MF 1130 Diesel - New Paint - Everything
Works Except Hydraulics \$6500
JD 70 Diesel w/3 Pt - Needs
Starter \$1750
JD 720 Diesel - Needs General
Work . . \$1750
(3) JD 730 Gas & Diesel - All Widefront
Need General Work - From \$2000
JD 4020 Diesel - Needs Transmission
work \$5800
Ford 8N - Needs General Work \$1250
Ford NAA - Needs General Work \$1750
Farmall 230 - Fast Hitch - Needs
General Work \$1275
Ford 6000 Diesel - Needs General
Work \$1900
Ford 800 Diesel - Needs Tires
& Paint \$2200
Oliver 770 Diesel - Condition
Unknown \$1500
AC WD - Cracked Block \$750
MM GTB - Diesel - Needs Paint \$1350
**WE WILL CONSIDER SELLING OFF
MAJOR ITEMS LIKE ENGINES -
TRANSMISSIONS - ETC. FROM MOST
OF THE ABOVE TRACTORS**

**WE PURCHASED A
SPECIAL DEAL ON 1000
TARPS (Various Sizes Up
to 10'x20') OUR PRICES
ARE GOOD - REAL GOOD**

**LOTS OF DUALS
(NEW & USED)**

**(100) HARVESTER &
HEADS - Call**

**118 COMBINE CORN HEADS
IN STOCK**

IF WE DON'T HAVE ... WE CAN GET —

**CONSIGNMENT
AUCTION
MONDAY, DEC. 15
9:30 A.M.**

**Large Selection Of
ERTL TOYS
DO YOUR CHRISTMAS
SHOPPING NOW
FOR BEST SELECTION**

**WENGER'S
INC.**

South Race Street,
Myerstown, PA 17067

PHONE:

DAYS: 717-866-2135
NIGHTS: 717-866-7147
or 717-273-9089



WANTED: USED TRACTORS FOR PARTS

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

TA UNITS GUARANTEED UP TO 2 YEARS.

Rebuilt TA assemblies available for all IH tractors, New and rebuilt water pumps. Dynalife clutches and pressure plates for A, B, C through 1586, also for most models of IH combines.

If you are operating a shop or are a farmer who does his own mechanical work, then you will do well to compare the parts which I have to offer. Complete TA assemblies for 706-1586 are priced from \$525 and come with a Dana Co. Heavy Duty Sprag clutch instead of the usual IH sprag. The Dana Sprag is guaranteed for 2 years against failure. Ramps and Carriers for older style TA units are priced \$135 & \$145 respectively, and carry a 90 day guarantee.

We have most parts needed for TA repair in stock and are prepared to do complete installation at competitive prices.

Shop is also now available for engine overhauls and other major tractor repairs.

For a no obligation estimate or for information and references write or call me.

Dealer Inquiries Invited; Parts Shipped UPS, Bus or Air

J. EDWARD LEAMAN

RD #1, Box 474 Willow St., PA 17584
717-464-2874

COMBINES

JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
JD 4400 Gas w/cab, 13' Platform, & Pickup reel
JD 4400 Diesel, Cab, Air, Straw Chopper Choice of Heads.
Gleaner K w/cab & 12' platform
Late Model IH 715 w/cab, 13' Quick-Tach grain table, very nice

TRACTORS Trade-In Specials

IH 656 Gas WF \$4250.
IH 706 Gas Tricycle \$2950
JD 3020 Dsl. Tricycle \$4950

TRACTORS

Ford 9600 w/Cab & Air
Ford 7600 Cab & Air 1100 hrs.
Ford 5000D 8 Speed
AC 7000 Cab & Air 700 hrs.
AC 220 Dsl. w/Cab
AC 200 Dsl. w/Cab
AC 185, like new 400 hrs.
JD 4630 4 Post Quad
JD 4520 D Power Shift
JD 4430 Cab, Air, Quad
JD 4430 4 Post RG, PS
JD 4430 Cab, Air Power Shift
1977 Model
JD 4230 Cab, Air Power Shift
JD 4320 D w/Cab, Air
JD 4230 Cab, Air
JD 4230 Quad Shift
JD 4030 4 Post RG, QR
JD 4020 D, Side Console
w/Cab WF
JD 4020 Dsl.
JD 4010 Dsl. WFE w/Cab
JD 2030 Gas Utility
JD 720 D Excellent
JD 2020 RU Gas & Dsl.
JD 3020 Dsl. WFE
JD 2030 Dsl. Utility
JD 820D 3 cyl.
IH 1468 Cab & Air
IH 1066 w/Cab
IH 1066 D, 1620 hrs.
IH 766 Dsl. Cab & Air
IH 574 w/2050 Loader
IH 856 D WF
IH 1256 D WF

TRACTORS

IH 756D WF
Oliver 1850 Dsl. over & under shift
MF 180D, WF
BALERS
JD 336 w/bale chute, (new)
NH 268 w/thrower

HAYBINES

NH 479, Like New
NH 489
NH 477
NH 467

DISCS

IH 37 8'
IH 46 11'
IH 500 12'
Bush Hog 146 Offset 11'
Proven Rock Discs
JD BWF 12', 14'
JD Wingfold 16' 6" thru 19' 10"
Also JD AW 12' & 14'
JD RW 8'
JD BW 19'6" New Blades

PLOWS

IH 700 4 & 6 Btm.
IH 720 5 Btm.
IH 550 5 Btm.
JD 1450 5 & 6 Btm.
JD 145 4 Btm.
(3) JD Integral 3 Btm.

IH 50 4-Row Stalk Shredder
New in 1978 \$2,175.00

MISCELLANEOUS EQUIPMENT

JD 48 Loader w/60" bucket
NH 351 Grinder-Mixer
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
John Deere 300 Pull Type Picker
Cabs Fit 706-1066
Gehl 72 Flail Harvester, Very Good
NI 299 Cut/ditioner, Like New

GUNTHER HEUSSMAN INC.

So. 5th St., Emmaus, Pa. 18049 215-965-5203

FARM EQUIPMENT

FARM EQUIPMENT



USED EQUIPMENT

1978 IHC 1086 Tractor, 370 hrs., 20" rubber, cab, and air.
1974 IHC 1466 Tractor w/cab, less air, \$11,750 w/new rubber
IH 1468 Tractor w/cab, air, & 20" rubber, an excellent running heavy tractor for \$13,900.

704 NI Uni w/combine, 800 hours.

IHC 656 Utility Gas Tractor w/2000 Loader
JD 4430 Tractor loaded, excellent
IHC 424 Utility Tractor w/excellent loader
JD 1020 Gas Tractor w/#47 loader
Farmall 656 Gas Tractor, recent motor job & New tires
INT. 503 Diesel Hydro Combine with late type throat and 843 Corn Head.
NI 708 Uni w/717 combine and 15' flex type soybean head and 4 row 744 N corn head.
IHC #10 13x7 Grain Drill

RAYMOND B. LEAMAN

Willow Street RD 1, Ph. Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Retton

FOR SALE

USED TRACTORS & EQUIPMENT

AC CA, WD, WD45, D10, D12, D15, D17's, D19, 160, 170, 175, 185, 190XT series III, 200, 7000
Ford 8N, 9N, 640, 801, 2000, 3000, 5000, 7000
MF 35, 165, 44
Case 430's, 2470 4 wheel drive, PTO, 3 pt.
JD 4320, 4020, 3020's, 730, 60, 2840
IHC cubs, M, Super M, 230, 400, 460, 560, 504, 544, 574, 656, 666, 674, 856, Super A w/equipment
New & Used 1 & 2 row corn pickers
New & Used 3 pt. snow blowers
Large selection of double ring tractor tire chains, car & truck chains
30 used snow plows for tractors, loaders & trucks
10 used manure spreaders, PTO, tank, ground drive, 2000 gal. liquid
AC 2600 series foldup 24' offset transport disc
Used 8' Brillion cultipacker seeder
3 NI 95 bu ground drive manure
spreaders, excellent condition
Used mixer grinder mills - NH 354, IHC 1050 & 1150
New & used rotary mowers, 3 pt. & pull type
New & used plowing discs
New & used hay & grain elevators
New Lamco feeder racks & bunks
Used Industrial Equipment- AC H3, H4 crawler loaders, AC HD4 & 650 crawlers w/blades
JD 350B 6 way blade w/wide swamp tracks
JD 450 dozer
JD winch for 450
JD 550 crawler loader w/9300 backhoe
Bobcat 610 skid steer loader - backhoe attachments available.
Large selection of new NI manure spreaders, 140 bu. to 350 bu.
New Starline & Martin scavenger spreaders in stock
Deferred interest & payments on many new tractors & machines - 5-1-81
Allis Chalmers - 5-1-81
New Idea - 6-1-81
Hesston

SPECIAL
NEW HESSTON 5400
ROUND BALER
ONLY - \$4000

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Honesdale, Pa. 18431
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Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota



End-Of-Year CLEARANCE

• Prices Good Til Dec. 31 - F.O.B. Shartlesville, Pa.

AC 5050 TRACTOR \$10,000
• 225 Hours, Repossessed

NEW TRACTORS - SPECIAL PRICES!

AC 5030 TRACTOR \$4995
• 26 HP

AC 5050 TRACTOR \$12,500
• 51 HP, 16.9x28 tires & canopy

AC 175 TRACTOR \$13,950
• 18.4x28 Tires, Front & Rear Weights, Breakaway Couplers

AC 7010 PS TRACTOR \$26,900
• 106 HP, Cab & Air, 20.8x38 Tires, Front Weights, 540 - 1,000 PTO

AC 7010 TRACTOR \$24,900
• 106 HP, PD, No Cab, Front & Rear Weights, 540 - 1,000 PTO, 20 Speed Trans.

AC 7020 PS TRACTOR \$30,900
• 123 HP, Cab & Air, 20.8x38 Tires, Front & Rear Weights, 540 - 1,000 PTO

AC 7045 PS TRACTOR \$26,500
• Demo., Cab, 146 HP, 20.8x38 Tires, Front & Rear Weights, Stadium Lights, 540 - 1,000 PTO

AC 7060 PS TRACTOR \$36,700
• Cab, Air, 161 HP, 20.8x38 Tires, Front & Rear Weights, Stadium Lights, 540 - 1,000 PTO

USED AC 7040 PS TRACTOR .. \$18,900
• Cab, Air, 20.8x38 Tires, Front & Rear Weights

NEW TILLAGE EQUIPMENT - SPECIALS!

F-17 AMCO DISK HARROW \$4850
• With 13'6" Cut

AC 2600 DISK HARROW \$6995
• Center Fold, 16'8" Cut

AC 1600 MYD. CHISEL PLOW ... \$1450
• 8 Foot

AC 1600 MTD. CHISEL PLOW ... \$1750
• 10 Foot

AC 333 NO TILL CORN PLANTER \$6995
• 4 Row, 78 Air Units, No Till Coulters, Insect Attach, Granular Fertilizer

USED MANURE SPREADERS

NI 218 Spreader with Hyd End Gate and Upper Beater, 318 Bu.
NI 224 Spreader with Single Beater, 360 Bu.
NI 214 Spreader with Flail Beater, 205 Bu.
NI 214 Spreader with 3 Beater and Hyd End Gate, 197 Bu.
NI 214 Spreader with Single Beater and Hyd End Gate, 205 Bu.
Hawk Bilt 207 Tank Spreader, 200 Bu.

USED MISCELLANEOUS EQUIPMENT

6 Row AC No Till Planter With 72 Units, Grain Fert., and No Till Coulters
4 Row Int 400 Cyclo Planter with Grain Fert and Insecticide
702 Uni Tractor with 727 Husker and 723 Corn-head
726 Uni Husker
729 Uni Sheller
600 Gehl Harvester With 2 Row Wide Head and Pickup
38 JD Harvester with 2 Row Wide Head and Pickup
770 NH Harvester with 2 Row Wide Head and Pickup
325 NI Corn Picker, Narrow Row with 12 Roll Husking Bed
324 NI Corn Picker, Wide Row With 8 Roll Husking Bed
319 NI Mounted Picker with 12 Roll Husking Bed
74H Oliver Corn Picker
800 Gehl High-Throw Recutter
NI 279 Cuditioner, 9 Ft
Int. Model 100 3 Pt Sickle Bar Mower



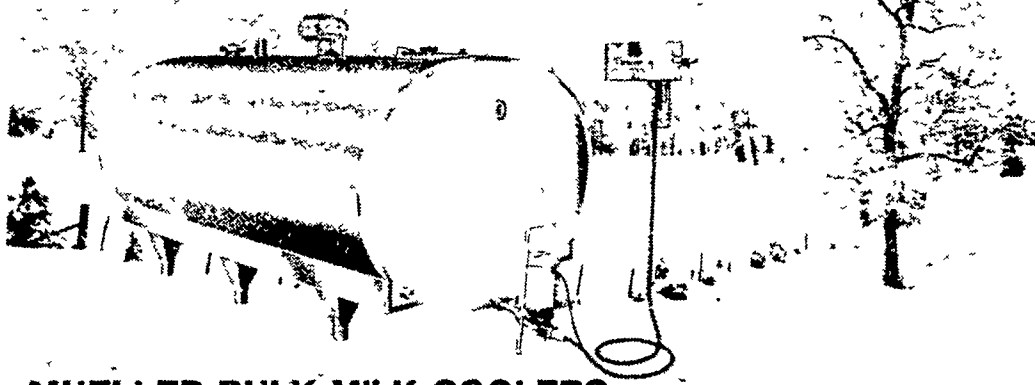
ITCO

Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

SHARTLESVILLE FARM SERVICE

RD1, Hamburg, PA
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**KEEP YOUR MILK FRESH AS A
WINTER'S MORNING!**



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THE ONE FOR ALL SEASONS.**

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☐ Have Representative Call

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ADDRESS _____

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STATE _____ ZIP _____

PHONE _____

WE'RE \$ HAVING

**Dollar
Dividend
Days**

**FORAGE & BALERS
HAYTOOLS & COMBINES**

MORE WAYS TO SAVE!

Receive a dividend check for purchasing any
new combine, most any piece of forage equipment as
well as balers and hay tools

OR

Take Free Finance. It lets you finance the equip-
ment you need for next year, with possible tax advan-
tages this year. You make a normal down payment
with no finance charges until your machine's seasonal
use date (March 1 1981 on combines)

The choice is yours but the sooner you buy the larger
your dividend check!

FARMERS:

**Come & Learn...
When You Go To The
Field With That Baler or
Haybine - BE PREPARED!**

**Don't Miss Our
PREVENTATIVE
MAINTENANCE
SCHOOL
ON HAYTOOLS**

**THURSDAY, DEC. 11
7:00 P.M. At Our Store**

**Presented by Sperry New
Holland's Service Represent-
ative. He will answer your
questions and show you how
to cut your downtime and
reduce your costly parts and
repair bills.**

**Refreshments Will
Be Served**

USED DEALER TRUCKS



**1979 Chevy 4 Wheel Drive
4x4, Automatic,
8100 miles.
\$5800⁰⁰**



**1972 6 Cyl. Chevy 4
Speed, C/20, 292 Cu. In.,
Good Rubber.
\$1495⁰⁰**



**1973 Ford F250 Custom
V8, 4 Speed with tool
boxes.
\$995⁰⁰**

NEW IDEA



SPERRY NEW HOLLAND

ABC GROFF, INC.

OUR TRUCKS ARE RADIO CONTROLLED

Since 1890

STORE HOURS
Mon, Tues, Wed 7-5
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110 S Railroad Ave
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Parts 717-354-4191
Sales 717-354-4731
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OPEN THURSDAY & FRIDAY TILL 9 PM



FARM EQUIPMENT

1975 Int 2500B gas
tractor live PTO 3 pt
hitch, cab w/htr front
end loader 400 hrs
\$8 000 00 (215) 269
1221 days (215) 269
27 evenings

FARM EQUIPMENT

For Sale Transport disc
harrows one JD 14 one
JD 10, one Oliver 14
and one Long 14 All in
excellent condition &
priced to sell 215 766
0479 eves

FARM EQUIPMENT

For Sale JU model 5b
self propelled combine
with 14 grain head, in
good condition Priced
\$3950 215-766 0479
eves

The Tractor Specialist sells more "up-time"



When the farmer is ready, his tractor had better be. That's one reason a
Case dealer franchise makes extra good sense

As a Case dealer, you're the Tractor Specialist. You sell and service the
best in farm tractors. And you are backed by an industry first Assured
Availability. It means that, during warranty, if a tractor bought from you
isn't ready to go you can offer your customer free use of a replacement.
And Case will back you up. Proof that when a Case dealer needs help, we
do something about it.

You could be planning a bright future as your area's Tractor Specialist.
You could also consider our light construction equipment line. Write or
call for full information on the Case dealer franchise.

Are you interested? Please contact

W.M. KIMBROUGH

Dealer development Manager

JI Case Company, P.O. Box 50128

Indianapolis, Indiana 46256;

or call collect

(317) 849-4770.

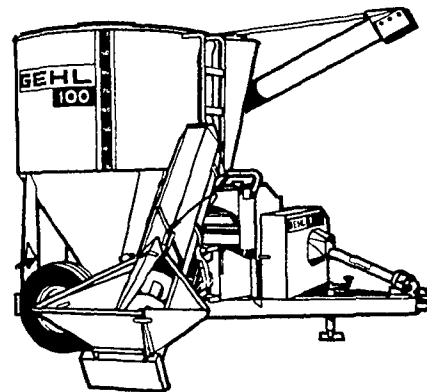
JI Case
A Tenneco Company
Agricultural Equipment Division



doing something about it.



STEP UP TO THE ALL NEW HYDRAULIC MILL



Now Mix-A-alls® are even better!
New hydraulic design means less
maintenance, easier operation.
The 100-bushel Mix-A-All unloads
in just 3½ minutes. Power bale
feeding on the 135-bushel model
handles 4½ bales a minute! And
the hydraulic discharge con-
veyor with extensions reaches
tanks up to 18' high. See these
hydraulic Mix A-alls now!

> ATTENTION FARMERS <
You can have all the features
of a Gehl hydraulic mill for the
price of a competitive brand
mechanical mill.

THAT'S VALUE!!

GEHL®
FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

Case 430 D
Case 530 D
Case 830 D
Case 1070 D
Case 1370 C-A-H
Ford 5000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turt
JD A
AC 160 D
AC 7040 C-A-H
AC 7080 C-A-H

MISCELLANEOUS

Howard 80" rotovator
J D bar rake
Wetmore grinder
IH 12' disk
MF 3 bot plow
Oliver 6 bot plow

LOADERS

Case 1737
Case 1845 G
Case 580 w/hoe
Case 480 B
Unloader Grapple
Unloader Broom
Ford 3400 G
MF 30 D

FORAGE

Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
Gehl 87 blower
J D 65 blower
N H 1880 SP
Grove box
IH #51 box

NEW IDEA

Manure Spreaders
212, 213, 214, 224
272 cut-ditchers
#7 corn picker
323 pickers
325/314 picker sheller
404 wheel rake
254 trail mower

UNI-SYSTEM

701 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

SALES & SERVICE

A.L. HERR & BRO.



PARK AVE., QUARRYVILLE, PA.
Phone: 717-786-3521





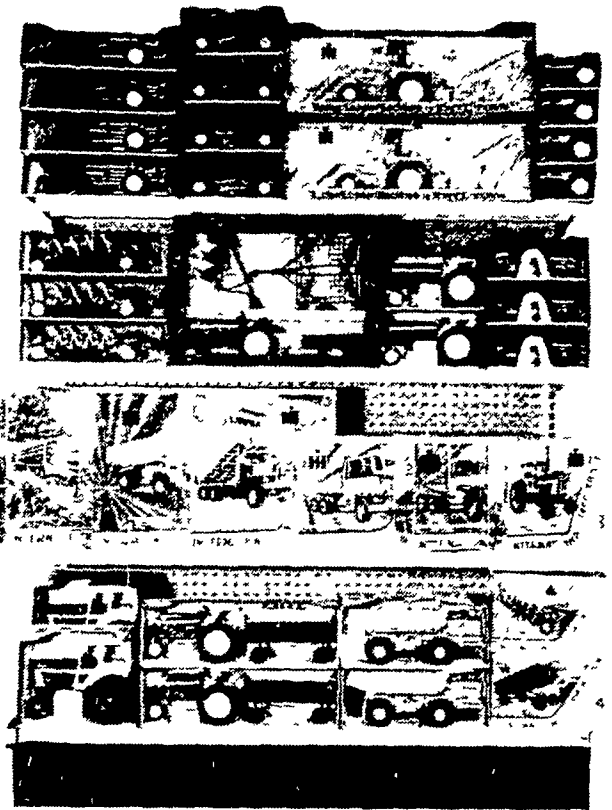
CHRISTMAS BELL RINGER SALE

TOY SALE



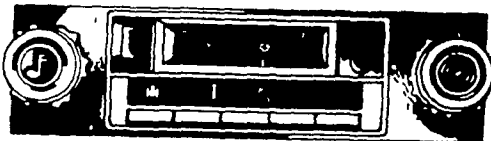
**RIDING TRACTOR SPECIAL
'N TRAILER** COMPLETE SET ONLY: **\$99⁹⁵**

**25 %
OFF
ALL
TOYS
IN
STOCK**



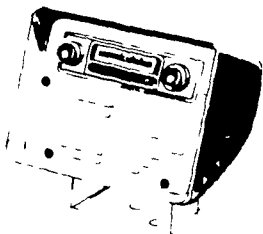
INTERNATIONAL TOOLS Have A LIFE-TIME GUARANTEE

SAVE UP TO **24 %**



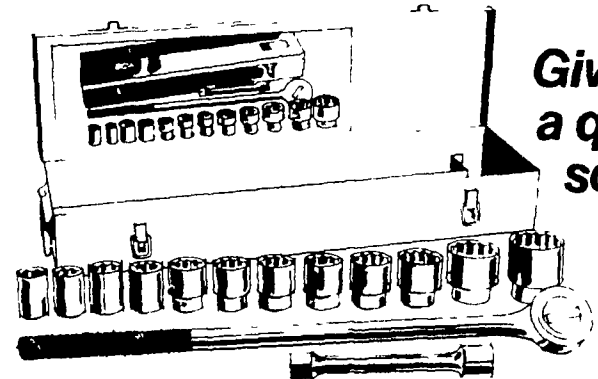
Gift Radios

Here's a merry suggestion for Christmas giving—an IH radio especially designed for tractors and combines! It's a gift that will keep on giving enjoyment all year round. Choose from four sale-priced models.



- AM-FM pushbutton stereo radio
Regular \$170.00 Special Price **\$129⁹⁵**
- AM-FM stereo with cassette tape player
Regular \$235.00 Special Price **\$199⁹⁵**
- AM-FM-CB stereo with 40 CB channels
Regular \$381.00 Special Price **\$299⁹⁵**
- AM-FM fender-mount pushbutton radio
Regular \$125.00 Special Price **\$99⁹⁵**

SAVE UP TO **42 %**

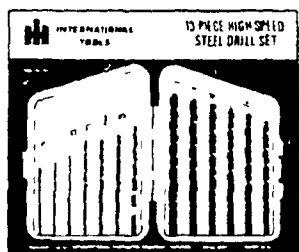


Give him
a quality
socket
set

Fine tools are among the most appreciated gifts for any man. And we have 'em—a complete selection of drive socket sets in both shop and field grade quality.

• IH 15-piece $\frac{3}{4}$ " drive socket set
Regular \$175.00 Special Price **\$99⁹⁵**

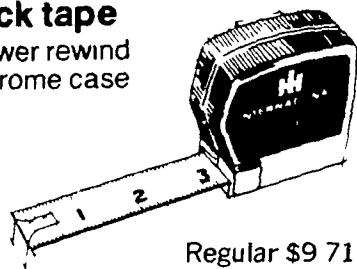
Drill bit set



13 hi-speed drill bits
Regular \$12.50 Sale Price **\$10⁴⁹**

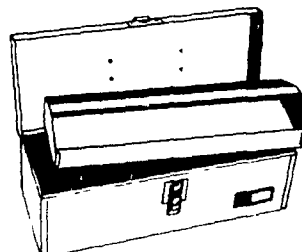
12-ft. power lock tape

Power rewind
Chrome case

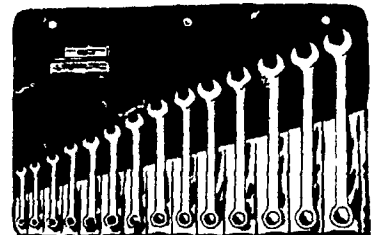


Regular \$9.71
Sale Price **\$5⁹⁵**

All-purpose tool box



Heavy-gauge, all-steel
Regular \$14.27 Sale Price **\$11⁹⁵**



14-piece wrench set
Big value 32% off list!
Regular \$103.50
Sale Price **\$69⁹⁵**



United Parcel Service

C.B. HOOBER & SON INC.

INTERCOURSE, PA

717-768-8231



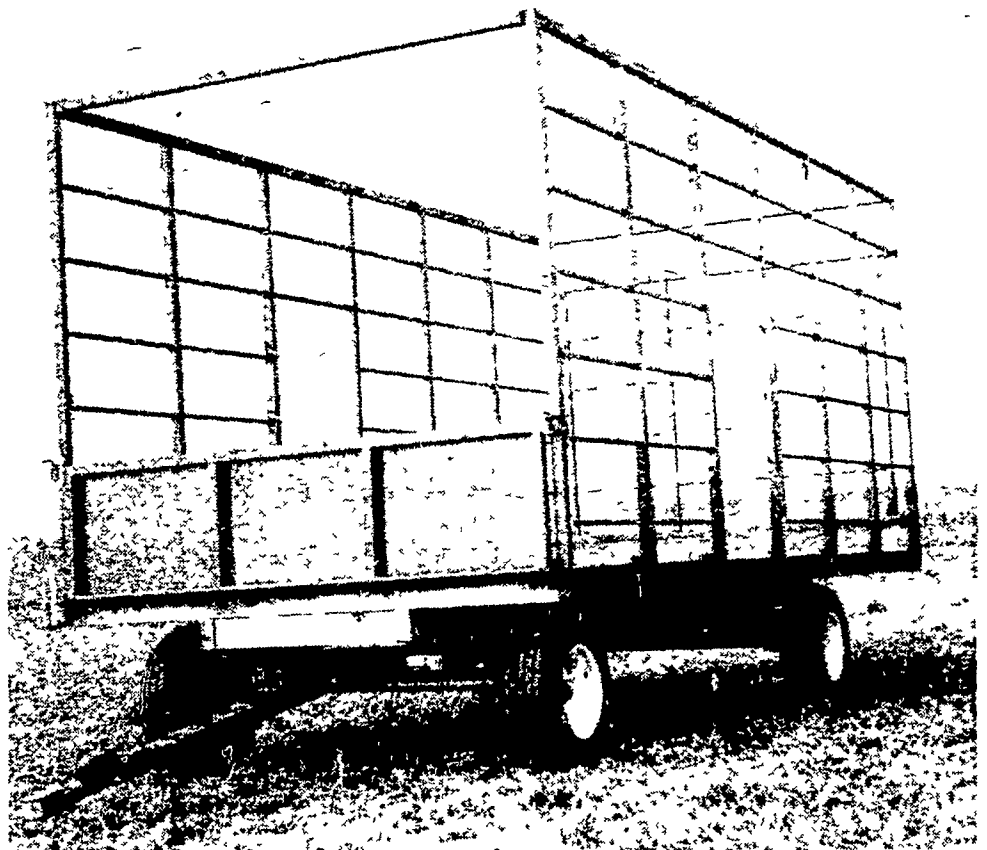
★ CALL US - WE PROBABLY HAVE IT ★ WILL SHIP SAME DAY VIA UPS-PPSH-BUS-AIR FREIGHT-ETC.

WINTER SALE SPECIAL

RUGGED STEEL BALE WAGON

CHECK THESE FEATURES AGAINST ANY OTHER BALE WAGON — YOU'LL FIND OURS IS THE BEST!

- Eight foot wide inside by Eighteen feet long.
- Rugged square steel tubing.
- Fold down front gate w/diamond plate platform.
- Swing-out tailgate.
- Unload from side, front or rear.
- Solid oak floor.
- Eight ton running gear w/universal bearings.
- With New 9.5Lx15 tires.
- Backed by Hooper Parts and Service.



SPECIAL WINTER PRICE \$1,625⁰⁰

WAIVER OF FINANCE 'TIL 3/1/81

**YES
K RAUSE**

**ROCKFLEX DISKS
LOVE ROCKS**

But... They

CUT & FINISH too!

**ASK A FARMER WHO OWNS ONE
OR CALL US FOR A PRICE -
YOU'LL BE SURPRISED!**

AXIAL-FLOW

Combine Headquarters in Eastern Pa.

**BUY YOUR COMBINE
FROM A
COMBINE DEALER
1460's IN STOCK**

Waiver Of Finance Till 9/1/81

TRACTORS

IN STOCK

45 - 175 HP

★ All Specially Priced ★

Waiver Of Finance Till 3/1/81

USED DISCS

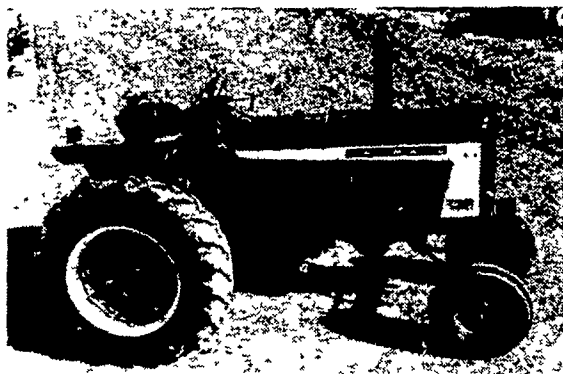
Deere 440 offset like new
Deere 230 Tandem 25' cut with mulchers
Deere 220 Tandem single wing
Deere 310 Tandem like new 12' cut 25' blades notched front cone rear
Deere 330 Tandem 25' Flex wing 22' blades excellent condition
Deere 1630 Tandem Heavy Duty 13' cut
White 271 Tandem 18' cut w/spring cushioned gangs 21' blades new mulchers
Sunflower G3 22 Tandem 22' Cut 24"x1/4" blades new special price

USED COMBINES WAIVER OF FINANCE TILL 9/1/81 NEW AND USED

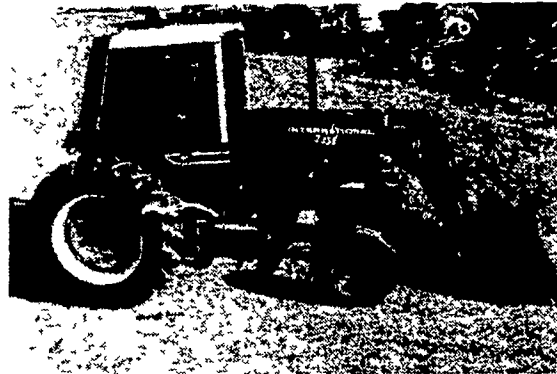
Massey Ferguson 300 gas gear 2 row cornhead 10' platform
IH 815 763 cornhead & 13' platform
Deere 45 diesel gear 10' platform 2 row cornhead
IH 915D hydro 1976 1300 hours
IH 815D hydro 1973 744 cornhead 13' platform
Deere 7700 diesel hydro 1977 643 cornhead
IH 915D hydro 1976 1331 hours 28Lx26 tires Monitor 863 corn head 810 15' platform
IH 1460 axial flow diesel hydro A/C radio 1250 hours 844 corn head 820 flex platform 15'
NI 704 Uni system 717 combine w/3 row cornhead
Deere 6600 diesel 1974 6 row cornhead
NI 702 Uni system w/729A picker sheller and 735 3 row head
AC Gleaner L2 w/A630 and A438 cornheads

USED TRACTORS

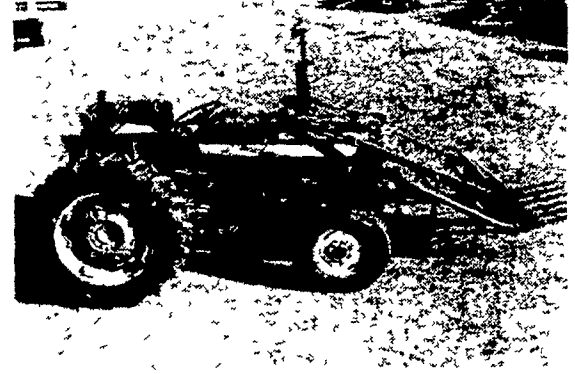
IH F1466D w/cab 24 5x32
IH F806D, clean
IH F1086D w/20 8x38 1976
IH F666D 1526 hours 1977
IH Farmall Cub 20 hours
IH 500 Crawler, wide trac PTO
IH 1544 D Hydro
Ford 8000
IH 784D R/C 1979
IH 70D Hydro 1977
IH F230 w/cult
IH 444 G w/Loader
IH F706 D
IH 186 D Hydro w/cab
IH F1066 D 1974 1500 hrs new engine, w/cab



IH - F806D, Reconditioned, Excellent



IH - 186D Hydro and 2350 Loader, 1500 Hours, New Tires



IH — 444 Utility w/Sauder Loader

ALL NEW & USED
PRODUCTS BACKED BY
**HOOBER PARTS
& SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE
C. B. HOOBER & SON INC.

INTERCOURSE, PA

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AUTHORIZED UPS STATION



FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

SPERRY
NEW HOLLAND

USED EQUIPMENT

TRACTORS

Oliver 1750

HAYTOOLS

IHC 990 Mower Conditioner
NH 469 Haybine
NH 479 Haybine
NH 488 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 315 Baler w/Thrower
NH 30 Ft Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

COMBINES & CORN PICKERS

JD 227 Picker
Oliver 535 Combine with 13' and 4-Row

FORAGE TOOLS

NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
NH 770 Harvester w/2 Row & Pickup
IHC 650 w/2-Row & Pickup
JD 15A Flail Chopper
Gehl 300 w/1-Row & Pickup
Lamco 16' Forage Box w/roof

SPREADERS

NI 213 Single Beater
NI 214 with Hyd End Gate

TILLAGE - PLANTING

White 5400 Planter
IHC 56 4-row Planter with Insecticide
IHC 56 2 Row Planter

NEW EQUIPMENT IN STOCK

WHITE

2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor

WHITE

543 6R Planter No Till
5100 4R No Till

WHITE

348 - CT & SAR Plow
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N H 310, 315 Balers
N H 256 - 258 Rakes
N H 707, 718, 782, 892 Harvesters
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Gehl BALE CARRIER.....\$410.00
Gehl CB1000 HARVESTER (electric controls)....\$7,745.00
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MF 255 TRACTOR (demonstrator).....\$12,875.00
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MF 880 PLOW (semi-mounted) 4-16 (hyd. reset) ..\$4,875.00
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MF 620 12 ft. DISC spring cushion (22" discs).....\$5,150.00
MF 730 12ft DISC offset 22" discs.....\$6,275.00
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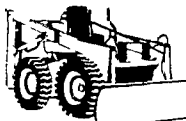
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Cat D8 2U Cable \$4200
Cat D6, hyd \$6500
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IH 175 4 in 1 bucket, clean \$12,500
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JD 450 w/ROPS, good \$12,000
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IH TD6, 4-in-1 bucket, excellent cond \$8500
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AC HD5 \$5200

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Joy 100 \$1500

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JD 4020 Tractor WFE
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JD 2640 Tractor w/loader
JD 2010 Tractor
JD 1020 Tractor
JD 850 Tractor
IHC M Tractor
IHC Super C w/mower
IHC 185 Cub Low-Boy
MF 20C Tractor w/loader
MF T030 Tractor w/loader
JD 350 crawler w/blade
JD 1209 Mower Conditioner
JD 54 Manure Spreader
JD 237 Corn Picker
JD 227 Corn Picker
JD 1240 Corn Planter
JD 1240 Corn Planter
JD 1440 No-Til Corn Planter
JD 494A Corn Planter
AC 4-Row No-Til Corn Planter
IH 51 Corn Planter w/Liq. Fert
JD WH 76 Offset Disc
JD RWA Disc
Athens Disc
JD 15 Disc Van Brunt
Gram Drill
JD 3800 Chopper w/2 row corn hd
JD 34 Chopper w/corn head
JD 105 Combine w/platform and corn head
JD 7700 Combine w/platform and 6R corn head
JD 224 Baler w/ejector
JD 214 Baler w/thrower
JD 24T Baler w/ejector
JD 24T Baler w/ejector
JD 115 Chuck Wagon
JD 894A Rake
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NI 279 Cut/ditioner
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JD 1450 5B Plow

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(2) NI 279 cut/dittoners
(3) NH 1012 Bale Wagon

NH 1034 Bale Wagon
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JD Stack Mover
(3) Used Rakes

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JD 116 A Flail Chop per
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14 1/2 Fold Offset Disc

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NH 890, any heads available Ex Cond
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NH 995 late head 15' grain, 4 or 6 row
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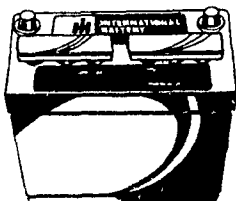
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LIQUID MANURE
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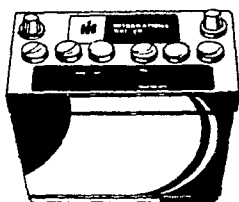
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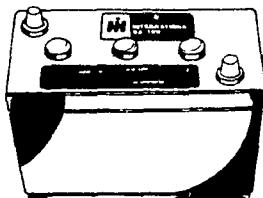
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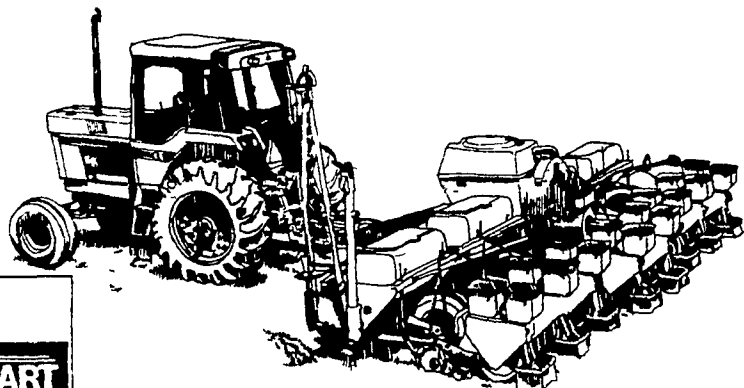
For The Farm
IH PR3EH
APPLICATION:
806, 856, 966, 1066 TR
List \$97.77
SALE \$70.75



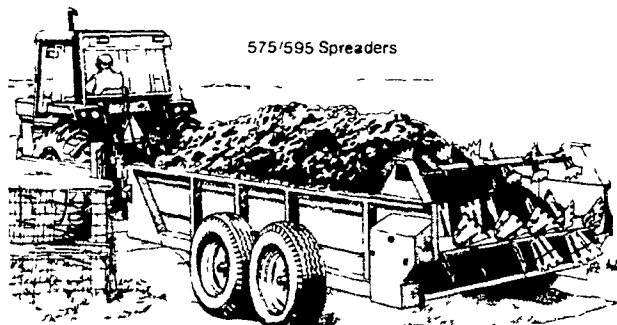
For Automobiles
IH CM24
APPLICATIONS:
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IH PF27
APPLICATION:
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560	235 Bu.
575	271 Bu.
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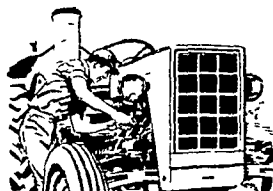
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Pull Picker
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IH 16 Harvester w/2
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IH 720 Harvester
IH 650 Harvester w/2
heads
IH 550 Harvester w/2
Heads
IH 50 w/PTO Drive
JD 6 Harvester
JD 34 Harvester w/2
Heads
JD Flail Chopper
AC 780 Harvester
Fox 546 Harvester
Papec 180 Harvester w/2
Heads
NH 717
NH 770 FH w 2 Heads
Gehl FB 82 Blower
IH 42 Blower
Kools Blower

Plows

Cub Fast Hitch Plow
IH 311 mtd.
3F Trailing Plow
Fast Hitch 2 way
Ford 5F 18"
JD 3 Furrow 16" Plow

Compact Skid Loaders

Gehl HL 3030
Case 1537
Hydra Mac
Bobcat 610

Tractors

Farmall M
IH F450 D
F 560 Gas
IH Hydro 84 D
F 504 Gas
AC D15 w. Loader
Ford 3000
IH TD8 Crawler
IS44 Gas Hydro w Loader
Satoh S560 G (Like New)

Combines

IH 91
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
MH 26
JD 45

Hay Machines

IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w Thrower
IH 10 Bale Thrower
IH Fast Hitch Mower
IH 115 Mower
IH 33 Hay Cond.
M C Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
NH 66 Baler w/Engine
NH 469 Haybine
IH 46 Baler
MF 128T Baler
NI Mower

Tillage

Howard S T. 180
Rotovator
Dunham 15' Cultimulcher
JD KBA Disc
Lely Power Harrow
Niemeyer 80" Power
Harrow
IH 37 Disk
IH 350 Disk, 12 ft.
Chattanooga 11 ft Packer

Planters & Drills

IH 56 4 Row
IH 249 Planter
IH 455 Planter
IH 449 Planter
Oliver 4 Row
MF 4 Row
JD 290 2 Row Planter
Dearborn 13x7 Drill
Oliver Grain Drill
Ontario Drill

Miscellaneous

MF 7 HP Tractor w.
Mower
Mayrath 41 ft. Auger
Snow Blowers For Cadets
Sauder Loader
Tri Axle 10 Ton Trailer
IH 125 Cadet and Mower
Walsh Sprayer
NI Lime Spreader
IH 1000 Cab Cadet w
Mower
IH 130 Spreader
IH 540 Spreader
IH 550 Spreader
JD R Spreader
New Idea 214 Spreader
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IH 1066D hydro, 1675 hrs., 4 p., WFE, good as new tractor
Ford 3000, very clean
JD 3020D, power shift, WFE, 46A loader & 50 side mower
JD 4020D, power shift
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JD 1010T, low hrs., new paint
Farmall A, 5' center mower, sickle blade, new paint
JD 430 W, new paint
Farmall H, clean

JD 4400 G combine, cab, 13' platform, 3 R corn head.

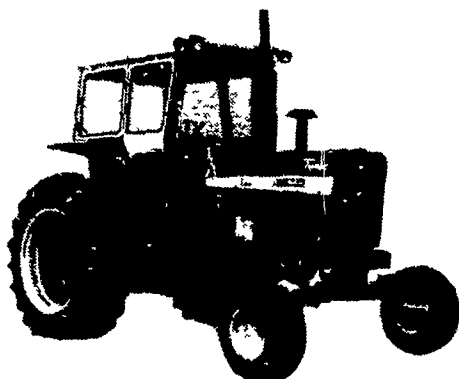
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JD 7000 4RN planter
(2) JD 495 6 RN planters
JD 246 planter
JD 494 4R planter
JD F145 5B, 16" plow
JD 45 plow
4 JD discs on wheels, RWA, KBA
Case 11' disc on wheels
Brillion wing fold harrow
NI hay rake
JD 24T baler w/ejector
JD 115 chuck wagon
JD 216 forage wagon
Pull type sprayer
IH 350 harvester, 1R corn head

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Farmall 656G, gear drive w/straight draw bar, extra nice, \$3 500
Oliver 1650 diesel, local trade in
NI 702 Uni System w/727 husker & 3-row narrow head

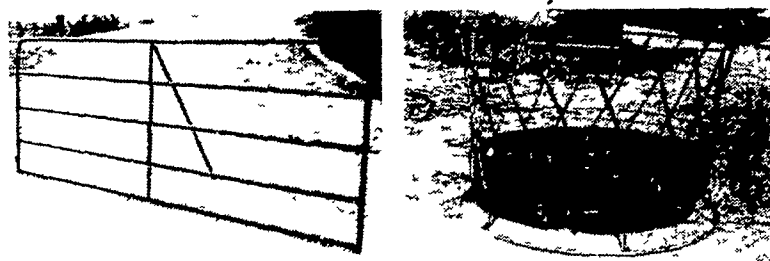
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Like new tire ch **SOLD** 18 4 34 tires
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GEHL FB99 Forage Blower, HD 540 RPM PTO (Waiver Til 5/1/81) \$1980
GEHL 6 Ton Running Gear, wide rims, no tires, extendable hitch \$ 525
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80 Lawn Tractor 1979 price
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205 Combine w/2 Row Cornhead & 13' Platform \$8000
715 Combine, 4 Row Cornhead & 13' Platform \$17,500
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400 Cyclo 6 Row Planter \$4000
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#10 Bale Thrower, excellent shape \$1000
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BUY AND PAY FOR ANY PIECE OF
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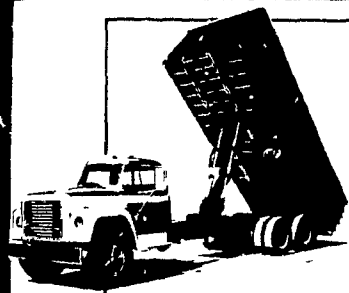
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NEW TRACTORS

IH 3588 2+2
★ IH 284 diesel ★
IH 384 w/1850 loader
IH 584 diesel
Farmall 986
Farmall 886

USED EQUIPMENT

Farmall C
Farmall 966D
Farmall 504
(2) Farmall H
Farmall 666 gas
Farmall 656 D
Farmall 656 w/WF
axle
Farmall 560 gas
IH 2424 diesel w/200
loader
IH 784D
IH 674D
IH 656
JD B

USED HARROWS

IH 37 10'
IH 9A 9'
21' MF disc harrow
Lilliston rolling
harrow
10' transport harrow
CHOPPERS
AC 720 chopper w/2
row head

TILLAGE

IH 735 vari-width,
auto. plow
IH 55 chisel plow
IH 6000 consertil
IH 4500 Vibra Shank

DISCS

IH 122 5'6"
IH 122 6'9"

USED

GRAIN DRILLS
IH MF 16x7

HARVESTING

IH 1 PR corn picker



WM. HOBENSACK'S SONS

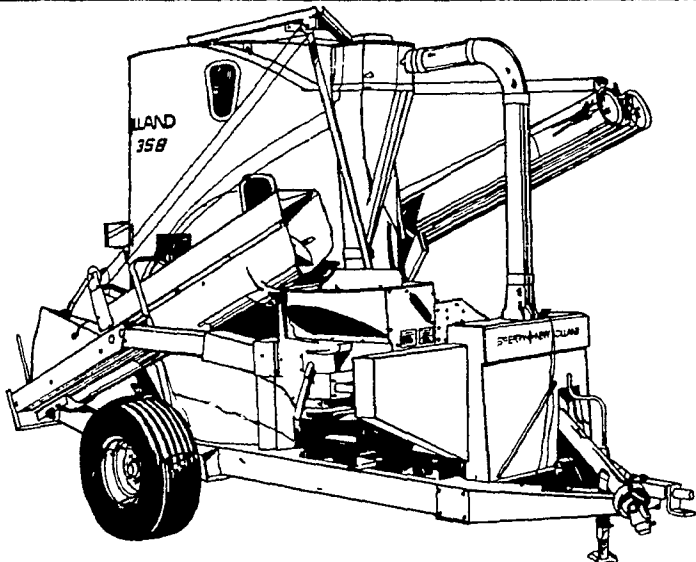
1060 Greeley Ave., Ivyland, PA

215-675-1610

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MESSICK FARM EQUIPMENT



New Model 358 offers big capacity.

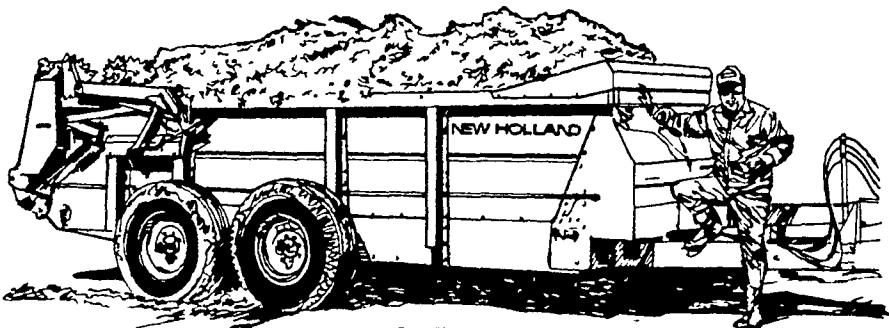
If you're in the market for a new grinder-mixer, check out the Model 358 from Sperry New Holland Special tank design practically eliminates bridging, no matter what crop you're grinding. Check these features:

- 125-bushel tank
- 21-inch hammermill
- 540- or 1,000-rpm drive
- Mechanical or hydraulic drive

The "358" also available with power bale feeder plain feed chute.

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A GIANT SPREADER FROM THE SPREADER GIANTS



MODEL 800

Think of the time and trouble you'll save with this giant spreader working for you.

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- ASAE rated at 570 cu ft heaped volume
- Hauls up to 14 tons per load
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- Patented beater design creates an extra uniform spread
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NEW HOLLAND MODEL 800 WITH BRAKES, HYDRAULIC ENDGATE, TOP BEATER, SPLASH GUARD, CYLINDER & HOSES, 1 ONLY

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Dividend
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UP TO \$2500**

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NH 845 Round Baler w/Hyd tie
NH 276 Baler w/Thrower
NH 320 Baler w/Thrower
NH 846 Auto-wrap[®] Round Baler
AC Model B Tractor
IH 37 Baler & Thrower
Oliver Baler Model 520
NH 479 Haybine
NH 1469 Self Propelled Haybine
NH 469 Haybine
IH 650 Harvester 2 Row & Pickup
JD 66 Blower
NH Super 717 Forage Harvester w/1 row or 2 row corn head

IH 966 Tractor, excellent
IH 656 D Hyd tractor
Farmall Cub w/Mower
Ford 8N Tractor
Allis Chalmers B w/Snow Blade
JD 1209 Mower Conditioner Used 1 season - excellent condition
MF 3 Bottom 3 pt Hitch Plow
IH 4 Row Fast Hitch Cultivator
NH 365 Tank Spreader
NH 510 Spreader & Hyd. Gate
NH 477 Haybine, 7 ft Cut
NI Tandem Axle Spreader w/Hyd. End Gate, Ex Cond

JD 6 Row Planter
NH 675 Spreader w/gate, tandem axle
IH 550 Harvester
John Deere 10 ft Transport Harrow
Walsh 300 Gal Trailer Sprayer
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Int 531 5 Bottom Plow (Used) NH 2 Row Snap-er Head
450 3 Bottom 16" Automatic Reset Plow
Oliver 3 Bottom 16" Plow
2 - Used Myers Snow Blades to Fit Tractors or Trucks

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FARM EQUIPMENT

FARM EQUIPMENT


MF
Massey Ferguson

TRACTORS & EQUIPMENT

JD 950 Tractor & Loader
IH #154 Cub Low Boy Tractor w/Mower
Farmall H Tractor
IH 454 Dsl Tractor
MF 204 Tractor w/Loader
IH Cub Tractor w/Mower
MF 50 Tractor w/Cab & Loader
MF 35 Tractor
(3) NH 36 Crop Chop per
NH 270 Baler w/thrower
NH 269 Baler w/thrower

MF 128 Baler
MF 750 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Lilliston 76" Rotary Cutter
Brillion LGS 144 Pulverizer
Brillion 12 field cultivator
NH 519 Manure Spreader
NH 510 Manure Spreader
(2) IH #14 Rakes
JD #35 Forage Harvester

NEW M.F. EQUIPMENT

(2) MF 2705 Tractor
MF 255 Diesel Tractor
M. 245 Gas Tractor
MF 230 Diesel Tractor
MF 220 Tractor
MF 210 Dsl Tractor
MF 205 Diesel Tractor
MF 50C Tractor and loader
MF 40B Tractor w/loader & cab w/Instant Reverse Transmission
MF 30B IR Tractor w/cab and loader

MF 20C Tractor w/Cab & Loader
MF 30B MS Tractor w/Loader
MF 124 Baler
MF 468 Planter
MF 110 Spreader
MF 22 Bale Thrower
MF #43 3B Plow
MF 520 Disc Harrow
MF 226 Scraper Blade
MF 227 Scraper Blade
(2) MF 33 17 Run Drill
MF 218 Rotary Cutter

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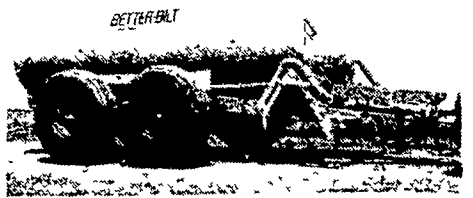
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(1) 1100 Vacuum
(1) 3 pt. 4 knife injector unit

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Special prices on some flail tank spreaders, liquid spreaders w/injector, some models of wagons, skid loaders and grinder-mixers

USED EQUIPMENT

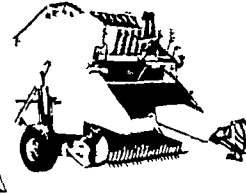
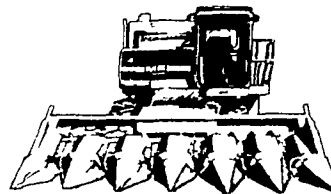
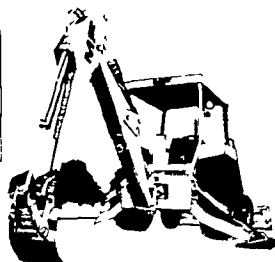
NH 850 round baler
NH 273 Baler w/PTO Baler thrower
NH 1880 S P Fg Harv w/3 row N head
NH 273 Baler w/wagon hitch & chute
NH 461 & 469 Haybines
NH 518 Spreaders - hyd endgate or pan
NH 5717 Forage Harvester
37 IHC Baler w/thrower
Hesston 310 SP Mower/Conditioner
IHC Hay Tedder
Cunningham Hay Conditioner
JD 60 Hopper Blower
AC Hopper Blower
JD 44 Flatbed Spreader
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	Today's List Price	Special Price
MF 43 3 14 Plow	1,575 00	1,260 00
MF 43 2 14 Plow	1,333 00	1,060 00
MF 620 12 Disc Harrow	4,790 00	4,000 00
Thrifty 1 Row 3 pt Cultivator		95 00
Dunham 8 tooth Chisel Plow	1,882 50	1,575 00
Dunham 11' Cultipacker	1,192 00	1,080 00
Dunham 4 row 38" Cultivator	1,500 60	1,350 00
Pittsburg 2 row Cultivator	520 00	470 00
MF 730 10' offset Harrow	6,211 60	
Yettters 15 Rotary Hoe		1,850 00

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	Special Price
MF 82 3 16 Plow	\$1,150 00
Brady 9 tooth Chisel Plow	1,150 00
MF 129 Chisel Plow w/Disc	
9 tooth Pull Type	2,400 00
Brillion 10 Tooth Chisel Plow	1,200 00
JD 4R Rr Mtd Cultv	450 00

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	Special Price
MF 230 Gas	5,750 00
MF 65 Gas	2,400 00
JD 530 on steel	1,800
IH 504 Dsl	2,800
MF 35 Dsl w/loader	2,500
NF 175 Diesel	5,500 00
MF 1135 Diesel	9,000 00
IH 107 Cadet	1,100 00
MF 220 (Demo)	6,000 00
MF 245 Diesel (Demo)	8,600 00
MF 2805 24 sp Duals	28,500 00
MF 1155 8 sp No-Cab	11,000 00
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Farmall M Diesel	1,500 00
Case 1370 cab 1480 hrs	15,500 00

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MF 24 2 row Corn Head	4198 25	2,250 00
13 18' Grain Tables		

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MF 760 6 cyl 4 sp w/Grain Table	25,500 00
MF 750 Hydro	26,000 00
MF 750 4 sp Cab w/14 Grain Table & 63 C H	28,000 00
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JD 4400 Gas Cab 13 Grain Head 4 30 Corn Head	17,000 00
IH 315 gas Cab 12 Grain Head 2 38" Corn Head	9,000 00
MF 410 Diesel Cab w/ Grain Head	11,000 00
MF 300 gas Cab 13 Head 2 row C H	9,000 00
MF 63 offset Corn Head 6 30'	2,100 00
MF 63 Centered C H 6 30'	3,000 00
MF 44 Corn Head 4 38	3,500 00
MF 80 12 Engine overhauled	1,600 00
MF 82 12 Combine	900 00
IH 141 12 Combine	2,200 00
NI 319 Corn Sheller 2R Mtd Call	
NI 2 Row Pull Type Corn Picker	3,500

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	Today's List Price	Special Price
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MF 925 9' Haybine	6,760 00	5,400 00
Farmhand Corn Processor Demo	5,200 00	4,000 00
Hyd Trough for above	1,015 00	900 00
MF 29 3 pt Hay Rake	888 00	800 00
Farmhand 7 Wheel Rake	1,995 00	1,775 00
Fella PTO Tedder & Rake 3 pt		1,500 00
Farmhand 3 pt finger Wheel Rake	720 00	650 00
MF 114 Forage Box 3 Beater & Roof	3,653 00	2,750 00
EZ 1074 gear 12 5 L tires for above	1,165 00	1,050 00
MF 200 Forage Harvester w/1 Row Corn	7,170 75	4,400 00
Neimeyer Hay Tedder	1,590 00	1,400 00

USED HAY & FORAGE

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MF 560 Round Baler	4,700 00
MF 375 Bar Hay Rake	1,400 00
AC Hay pickup atm	125 00
Farmhand 14 Forage Box	1,900 00
Badger Forage Blower	375 00

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York 6 Scraper Blade	230 00
York 8 5 hp Scraper Blade	465 00
York 8 75 hp Scraper Blade	740 00
Brady 141A Flail Spreader	3,400 00
MF 205 Spreader	2,900 00
MF 86 12T Tandem gear less tires	1,150 00
Wagon Rims 8 x15 6 Bolt	@25 00

	Today's List Price	Special Price
81 Diesel Skid Steer Loader	13,328 00	9400 00
71C Gas Skid Steer Loader	11,993 00	8400 00

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Mojonnier 515 gal bulk tank in excellent condition, complete with nearly new compressor best offer, delivery possible 717 / 46 1016 days 717 833 5012 eves

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3 Boumatic pipeline milkers only used 5 months 717 488 5240

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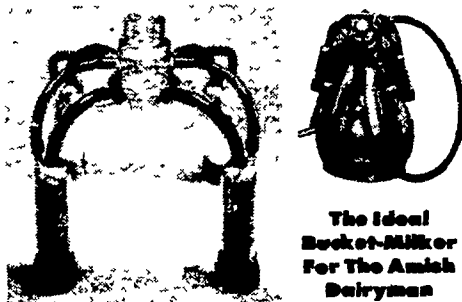
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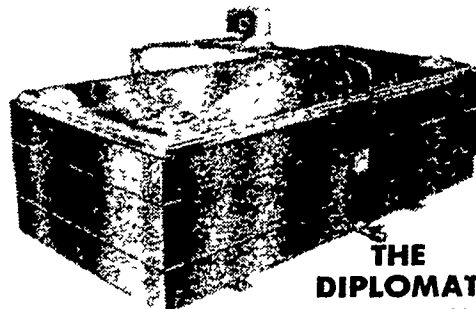
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1 Surge diagonal 4 stall milking parlor with 2 pipeline, new large vacuum pump, entire parlor and milking system complete 215-436 5380

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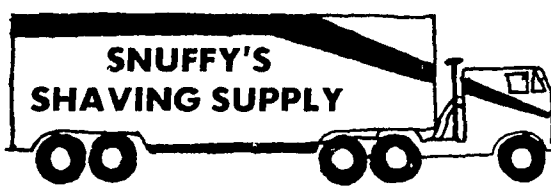
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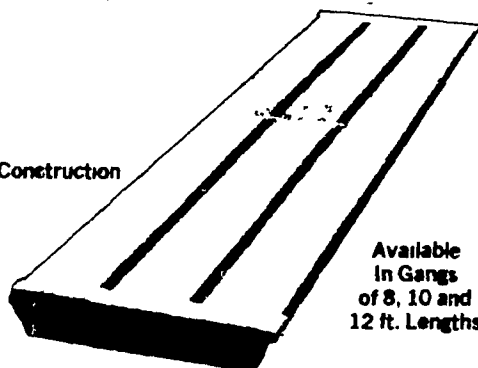
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For Sale 30x124 Hydroponic greenhouse very good condition 2 yrs old Snyder Co 717 539 4862

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HELP WANTED

Opportunity for young couple to do general farm work & help with beef operation in Lancaster Co Housing available references required Ph 717 872 6424

Help Wanted 900 acre Lehigh Co grain potato and poultry farm must be experienced equipment operator house available Contact Mark or Tim of Donald Lichtenwalner Farms Macungie PA 215 965 5214

Reliable Dairyman to milk and tend cows all modern equipment also some fieldwork with modern equipment Top wages for the right man Call after 6 p.m. 301 429 2962

HELP WANTED

Excellent opportunity for young Christian couple to work on modern dairy farm immediate opening housing provided excellent starting wages 717 397 0869

Opportunity for Christian individual or couple to take a position as herd sman managing an 80 cow dairy nearing 19 000 production average opportunity to work into a small dairy herd of your own salary based on percentage of milk check with other benefits and incentives Available Jan 1 1981 Chester Co Send reply to PO Box 366 A 2 c/o Lancaster Farming Lititz PA 17543

HELP WANTED

Young married Herdsman interested in working with top registered Holstein herd in Eastern PA Milking experience necessary 6 day week BC BS house with heat and electric provided Call Evenings 215 258 0788

ASSISTANT HERDSMAN MILKER for 200 cow operation Housing Hospitalization electric Milk Beef and garden spot provided Call 703 591 5329 or 703 788 9681

HELP WANTED

HERDSMAN NEEDED

Partnership Potential 50 Cows, Like More Send resume to Kencove Farms, RD 1 Box 111, Blairsville, PA 15717

TRUCKS & TRAILERS

1973 GMC Pickup 30,000 original miles, mechanically excellent, body rough, \$800 717 653-4979

1967 R600 Mack single axle w/new 14 hydraulic Stoltzius Lime Spreader \$10,500 301 829 0271

For Sale 1975 Int road tractor CO 1710B, 47,000 miles, top shape for trailer or dump truck use 717 224 4619

For Sale - Int Transtar sleeper cab w/Ti-Brook aluminum dump trailer Ford 10 wheeler with Morgan dump box 814-422 8758

IHC Tandem Log Truck, with Prentice log loader \$5000 00 JD 440 Log Skidder \$5995 00, 1969 Scoopmobile Articulate Diesel Loader 4 Wheel 4x4 cab \$6500 00 1972 Ford F500 15' Flat Dump \$5500 00 1971-IHC 200D TANDEM DUMP 15' Body \$7500 00 Others, Trade Finance 814 793 2829 Curry Supply

For Sale 1973 GMC 1 ton truck, 4 speed, PB, PS, 814 696 0868

Mack R 600 tractor, single axle with 10 speed trans, painted good condition, \$4800 or best offer 609-769-3183

For Sale Army truck, diesel, tandem all wheel drive, 5 speed trans with high & low range, front mounted winch 609 769-3183

WANTED - Someone interested in helping young person to purchase truck to do hauling Send reply to Box 366 R 30, c/o Lancaster Farming, Lititz, Pa 17543

1973 Chevy 4 WHD w/power angler plow Loaded with extras 50,000 miles \$4,000 00 (215) 269 1221 days (215) 269-1327

For Sale 1972 Ford F 500 with 14' livestock body, good condition, 55,000 miles, 914-457 3774

For Sale 12' Aluminum drive freight van body, 73 Chevy C-60 with 14 1/2 ft cattle bed, pair of 4 yr old nays workhorses 717 786-3394

Energy Hyd truck hoist Sales & Service, Anderson's Repair Shop, Rd 1, Felton, Pa 717-244 2039

For Sale - Carry out specials Pickup truck windshield, 1973 to 1979 Ford - clear \$76, shaded \$87 1973 to 1980 Chevy - clear \$74, shaded \$84, 215 384-0593

For Sale 77 Chevy pickup, 350 cu inch, AT, PS, PB, good mileage, good condition 215 445 4280

1975 C65 Chevy with 16 aluminum grain body made by Eby Air brakes, 1020 rubber Call 215-255 4311

For Sale 1975 Ford LN-750 cab & chassis, 391 engine, 5 speed trans, 2 speed rear, air brakes, 10 00x20 tires, will except 21 ft body, \$4500 301-398-9004 398-9515

1978 Ford F600 16' stake, 5 speed transmission, 2 speed axle, V-8, power steering, 24000 GVW, low mileage, 717-397-2784

For Sale - 1963 Int dump truck, 6 cyl, 5 with 2 speed rear, air brakes, 30,000 gross, 717-758-1734

Fruehauf aluminum dump trailer, 22' bed with 22" rubber Price \$4500 Shippensburg 717 532 9271

For Sale 3 late model, 3000 gal metered fuel & gasoline delivery trucks Two with reels Petroleum Service Co., P O Box 454, Wilkes-Barre, Pa 717 822 1151

Morgan stake body bed, 18' by 7 1/2', Diamond plate over wood, best offer 215-376 6557 or 215-856-7630 after 5, ask for Ron

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- Roofing • Siding • Spouting
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All Kinds of tin and shingle roofs Also, aluminum and T-Lok solid vinyl siding.

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Ag Bag Filling for High Moisture Ear corn narrow or Wide Rows We'll Go Anywhere 717-665-7953

HELP WANTED

Help Wanted Experienced herdsman 50 cow herd living facilities available christian preferred 717 442 8134

Area Sales Manager position Aggressive creative & highly motivated person to sell field bottom unloading silos in 16 County area Preter Bedford Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability experience & productivity Reply to Box 366 JH 137 c/o Lancaster Farming Lititz Pa 17543

Person to work with dairy & general farm work housing available 215 286 9391

AGRICULTURAL SALES

Desire creative self starter in sale of feed storage equipment & automation. Above average income possible Agricultural & sales background necessary Car necessary; no overnight travel Protected territory Full company benefits

Call for Information PENN JERSEY HARVESTORE SYSTEMS, INC. New Holland, PA (717) 354-4051

DISTRICT MANAGER for State of Pennsylvania for feeding and manure handling equipment manufacturing and marketing firm. Duties include sales, service and installation supervision. Agribusiness background preferred. Technical background, product information, training, sales leads, support and compensation provided. You supply time, effort and travel. Send letter of interest with applicable agribusiness resume to:

ETHOS ASSOCIATES
307 N. Tioga St.,
Ithaca, NY 14850

HELP WANTED

Grain system specialist. Must be experienced in all areas of sales, service, and installation. Should have experience in commercial and farm systems. To \$15,000 salary and commission and company car and expense account. Must be willing to travel overnight. Send resume to Box 366-J-132,

c/o Lancaster Farming,
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NEEDED SWEET CORN GROWERS AND HARVESTER OWNER-OPERATORS

GROWERS:

Needed to grow contracting sweet corn acres for our new modern processing plant.

- Rates: \$50 through \$56 per ton subject to distance from plant
- Planting: 38 inch and 30 inch rows Contract planting services available with new air planter
- Harvesting & Hauling: By contracted or our equipment with no charge to grower
- Advantages:
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Needed to harvest large sweet corn acreages in Northern Maryland, Delaware and Central Pennsylvania.

- Rates: \$20 per Acre plus Fuel
- Equipment Desired: New Idea Model 708 or 709 Uni-Systems Special attachments provided at no charge
- Transportation of Equipment: Provided on specially equipped low-boy trailer

CONTACT: Thomas A. Graby
John F. Cope Co., Inc.
Rheems, Pa. 17570
Phone: 717-367-5142
7:30 a.m. - 5:00 p.m. Weekdays

HELP WANTED

Excellent opportunity for individual in sales and service by local feed manufacturer Must have practical knowledge of feed nutrition and animal husbandry Send resume to

Grubb's Supply
Elizabethtown, PA
17022

SITUATIONS WANTED

Experienced hard working couple, with some capital desires working their way into owning a dairy farm in NYS or Pennsylvania Please call 201 226 5686

Christian couple desires to rent dairy farm Send resume to P.O. Box 366 A 1 c/o Lancaster Farming, Lititz, Pa 17543

Male College Grad Livestock Dairy, Agronomy Extension Experience Desires position in Ag Related Organization Write Box J 153 c/o Lancaster Farming, Lititz Pa 17543

Experienced young Christian couple looking for farm to rent Dairy but will consider other, Spring 81 Phone 717 626 8228

Experienced young man 38 desires dairy farm work Write P.O. 1772 Newcomer Rd, Chambersburg, Pa 17201

Pre Vet student seeks job on dairy farm, experience more important than salary Pete DePhillips 112 Mill Creek Rd Ardmore, PA 19003 215 MI2 5571

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Great part time and full time opportunities in the fast growing market of synthetic lubricants — lubricants that are revolutionizing the automotive industry

Call MEL CALDWELL R.D. #1 Indian Marker Rd Millersville, Pa. 17551 (717) 872-7324

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1968 GMC diesel dump truck, tandem axles, with high sides available to haul grain, 10 00x20 tires truck rebuilt, 26 ft steel dump trailer, 10 00x22 tires, barn door gate, a good wood hauler Columbia Co 717 458 6629

TRUCKS & TRAILERS

Gooseneck 18' trailer with beaver tail, 2 axle, 12,000 GVW, \$2600, 717 872 8659

367 Chevy 1/2 ton pickup, 292, 6 cylinder, 6 ft oak bed CB, new tires good condition 717-626 7135

TRUCKS & TRAILERS

For Sale 73 White COE, 270 Cat, turbo, 13 speed trans, 11 24 5 tires, twin screw, completely overhauled 215 445-4280

JR Opp Co Custom Truck bodies R1 Muncy PA Ph 717-546-3397

PETS

For Sale Registered Australian puppies, born 6-12-80. Call 215-495-6463

AKC Golden Retriever puppies, good bloodline, excellent pets, ready Nov 18, \$125 717 437 2638

Need puppies, will purchase in litter lots and pickup at your farm or kennel. Also, interested in breeding? Call 609 779 1660

2 male Border Collie pups, registered, from working stock, shots and wormed, 11 weeks old, \$100, beautiful and intelligent 717-921 2801

For Sale AKC Golden Retriever puppies, shots, wormed champion lines, excellent for hunting or pets Schuykill Co, Orwigsburg 717 943-2920

Weimaraner pups, AKC registered, 6 weeks old, reasonably priced Call 215 948 3493

Ready to Ship!! Registered Australian cattle dogs (Blue Heeler puppies), red & blue stud service available to approved Bitches Buckeye Kennels, c/o Heritage Oak Ranch, Box 133, Troy, Ohio 45373 513 335 4012 or 778 0675

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Warm Morning gas heater, 60,000 BTU, \$75 Martins through the wall vent heater, \$50 Warm Morning coal heater, \$500 215-286-9665

MISCELLANEOUS

SALE MEAT EQUIPMENT Band saws, grinders, slicers, tenderizers, new splitting saws, \$195, walk in coolers G R Grundy Doyleburg, Pa on Rt 75, 200 yds north of Rt 274 Open Saturday and Sunday 10 A M 4 P M 717 349 7654

For Sale Int D 301 diesel engine same block as Int 283 215 756 6150

For Sale One heavy 10,000 gal tank, one 17,000 gal tank, one 55,000 gal tank 2 6000 gal pressure tanks, one 2500 gal pressure tank, one 1000 gal pressure tank Stephen U Zook R 1, New Holland Pa 17557

BEEKEEPERS Sting proof coveralls (S, M, L, XL) for sale \$7.00 each V & V Company, Box 101, Jamaica, NY 11435

New Meyers snowplows with power angling, complete from \$1225 609 267 6071

For Sale Calf hutches, wagon beds, paint, window glass cut to size, Christ S Beiler, 123 S Belmont Rd, Paradise, PA 17562

Wood Working Shop contents of lathes, 3 back knife lathes, 2 auto, variety, 2 semi automatic 2 vertical boring machines, 1 horizontal, 1 7" sticker plus shafting and counter shaft and all accessories Selling due to sickness, sacrifice 1221 N Front St, Philadelphia, PA 215 634 0511

Conveyors, fillers, washers, SS packing tables, belting, pulleys, sprockets Will sell any part from a complete tomato cannery plus odds & ends from a discontinued farm machinery business Harford Co 301 452 8452

7" Old Time mea, curing recipes guaranteed to please Send \$2.00 self addressed stamped envelope Hampton, R #1, Box 252A Pine Grove Pa 17963

MISCELLANEOUS

Wanted standing timber to buy For Sale Squared locust posts, walnut lumber and all kinds of sawmill lumber and timbers Custom sawing G H Burkett & Sons Sawmill, Elizabethtown, PA 717 367-2791

'Windmills for sale!' Dealers needed also for America's best new windmill, 'EAGLE #1 Free Brochure' (Toll Free 1 800 431-2353, Op 132) American Wholesale Windmills, Box 261, Stone Mountain, GA 30086

For Sale - 220' right hand Clay stable cleaner chain for 14" ditch, used 3 years 717 597-3938

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Made To Order Ink Pads Available Write or call after 6 P M Gary Hess 451 N George St. Millersville, PA 717-872-6245

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MEAT SAWS, GRINDERS, STUFFERS, SLICERS, SPLITTING SAWS, TABLES, KNIVES, ETC NEW & RECONDITIONED

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Old silver or gold coins, rag carpet, quilts, oak furniture of any kind, roll top desks any condition, shutters, old doors, old flooring, corner or wall cupboards, old dishes blanket chests & wood boxes

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NEW ALL WOOD BEDROOM SUITES in dark pine finish Includes double dresser-frame mirror-4 drawer chest-night stand, head & foot board & rails, \$372

Several other Suites available from Above Price to \$735 for complete suites None priced higher

Individual Pieces Available Come See Our Selection If you can beat our prices for equal quality furniture we'll buy your gas home.

Also New & Used Gas & Electric refrigerators, ranges, washers, & dryers.

Delivery & Appliance Repair Available

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Wanted to Buy Small farm in Northumberland or surrounding counties Prefer property to have buildings Owner financing desired if possible No realtors Please phone 717 432 4363

SECLUDED HIDE AWAY A FRAME nestled in the woods on 1 1/2 acres with two additional acres adjacent to camp available Building is partially furnished, and is heated with a wood/coal stove Excellent hunting area \$23,000 814 237 6543

REAL ESTATE

FARM FOR SALE BY OWNER 120 acres good producing nice location good bldgs 1-20 x80 Weaver Star Silo good water ready to go nice good big fed lot, good buildings This farm is ready to go OK No 1 condition located partly in Lancaster Co part in Lebanon Co on Colebrook Road to Mastersonville Would like to let 2/3 of money in first mortgage If interested please call 717 964 3525

REAL ESTATE

For Sale - 75 acre farm, 52 tillable, excellent soil, 120 yr old house buildings excellent condition Salem Co, NJ 609-358-7357

MODERN DAIRY FARM - A gem of a farm, has 260 acres, some woods remodeled 5 BR house, loafing barn, silo, milk house, many many extras in northern Franklin County Owner Financing For additional information contact DUANE B DILLARD, REAL ESTATE 717-328-5532 or 717 328-3953 Mercersburg Pa

For Sale - 98 acre hog farm at Clay Hill, Franklin Co, PA, brick house, garage, barn, silo and other hog barns, Limestone soil, Robert F Crider Realtor, 14 N Main St Chambersburg, PA 17201, Ph 717-264-8528

For Sale Tioga Co, Pa 2 farms on hardtop road, 360 acres total, 150 tillable 36x140 ft barn 63 tie stalls, pipeline barn cleaner, hay conveyor, 5 H P hay dryer, new stalls & water bowls, tile mangers, 2 tile silos 14x60 18x50, 3 1200 bu metal corn cribs, (1) 20x80 equipment shed

Heifer barn, barn cleaner, water bowls, 31 tie stalls 2 silos 12x35, 16x45

2 8000 Ford tractors, 1 John Deere, 1 Farmall - Also other equipment

2 nice homes, alum siding, wall to wall carpeting \$320,000 owner will finance Call 717-724-7736

RENT Was good poultry farm with Roadside Market and rancher home and walk in box, now available at low rental with almost 8 acres for commercial and livestock and farming Much traffic suggests big potential for businesses, Agriculture, storage Long concrete bldgs Route 40 322 McKee City, minutes from Atlantic City, Major Highway Traffic location OWNER also sells Popular new Transplanters, Mulch Planters, Plug Mix, Layers, used Tractors 609 881 7023 especially early morning or late evening

For Sale by Owner 152 acre dairy or beef farm in Snyder Co, Pa Two silos, 12,000 per acre No Sun day calls 717 374 9151

New York Near Clyde 148 acre farm, 80 acre choice fruit, good house, barn, \$75,000 owner will finance

50 acre farm, 45 tillable, 12 room house, garage, basement barn \$40,000 Ron Vitticore Broker 315 923 5651

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1801 N Front St Dept. 6490 Harrisburg, PA 17102 (717) 234-0138

Farm for sale, Perry County, 221 Acres, large house and barn 717-438 3115

For Sale - 51 acres more or less 49 acres tillable Hagerstown Loam 2 acres woods, many possibilities, South Annville Write Box 366 R 31 Lancaster Farming Lititz PA 17543

Somerset Co, 170 acre dairy farm 120 tillable 30 good timber, extra land available to rent, 2 silos, pipeline, 600 gal bulk tank well spring water stream through pasture, two good houses 814 893 5461

Farm For Rent 180 acres, pipeline and bulk tank barn cleaner tie stalls Susquehanna Co 717 942 6243

REAL ESTATE

For Sale by Owner - 40+ acres, Northwestern Berks Co, 25 acres tillable balance pasture with mature trees & creek running through property No buildings Priced less than \$2000 per acre 717 933 8211

For Sale, Lease or article of agreement Dairy Farm Huntingdon Co 180 acres, 135 tillable, 45 pasture, 44 freestalls new 4 unit pipeline milker 500 gal milk tank new 20x70 silo with unloader 60' automatic feed bunk 15 ton feed tank, 12x60 mobile home on foundation 24x60 double wide home with base ment, near schools, churches and shopping center Write for appointment P O Box 366 L-123 Lancaster Farming, Lititz, PA 17543

Wanted to Rent - Dairy farm, 30-40 cows Prefer Northern Lancaster Co 717 354-2356

For Sale 136 acres near beautiful Aiken South Carolina, good place to move, good investment, \$495/acre, 717 776 7724

For Sale - 110 acre farm, Lykens Valley, Dauphin Co 717 362-9233

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717 394-3047 or 717 626-1164

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181 Acres Over 80 tillable Ph over 85 Clear mountain river Large house and trailer site with utilities Bank barn and outbuildings Priceless view of mountain ridge Must be seen \$1200 per acre 8% mortgage available By owner Call 703-997 9119

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OPPORTUNITY IS KNOCKING 228 CALF BARN - 1/2 BUILT 1974, SECOND HALF 1978 3 bedroom rancher built in 1972 Also small bank barn and many other extras Property in excellent condition Priced \$99,500 00 with 12 5 acres, \$89,500 00 with 8 acres LEWISTOWN INS & REALTY CO 717 248-6721 Lynn A Thompson 717-248 7306 evening Thiry Olbrich 717 248 0582 evening

MONTOUR COUNTY 45 stanchion dairy farm, silo, 83 acres.

DAIRY FARM

30 stanchions, 119 freestall barn, barn cleaner, pipeline, bulk tank, silos - 24x60 & 16x50 with unloaders, 3 bay equipment shed & 14 acres. A 4 bedroom house & a 3 bedroom house. East of Rt. 15, Williamsport, PA.

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58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable 30 acres more can be leased Financing at 9%.

CLINTON COUNTY

140 acres, \$700 per acre

NORTHUMBERLAND COUNTY Dewart

97 acres, river bottom soil, 56 stanchion dairy COLUMBIA COUNTY 70 acres, general, 52 acres tillable

DONALD R. WITWER REAL ESTATE

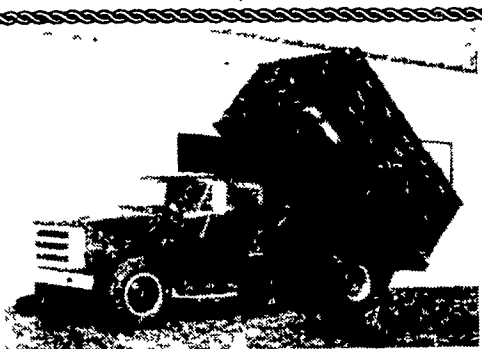
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Route 230 East Next to Shopping Center Elizabethtown, PA PHONE 717-367-1808



1974 Dodge D500

18,500 GVW, V8, 5 speed, 900x20 new tires, with new Omaha Standard 12' grain body, 52" grain sides, 51 DA single cylinder 10 ton hoist, new 30 gal aux fuel tank & 24" tool box

\$7900 FARMERSVILLE EQUIPMENT INC.

Located in the Village of Farmersville RD 4, Ephrata, PA 717-354-4271

Hours Mon Tues Wed Fri 7 30 to 5 30 Thurs till 9 00 Saturday till 3 00

DON'T MISS OUR THIRD ANNUAL PUBLIC AUCTION ON DEC. 6

For Sale 1969 Ford F 800 disco matic boom truck 40,000 GVW 10 00 x 20 tires, air brakes, \$4500 215 445 6032 after 6 P M

For Sale 1956 Ford F 800 motor & trans, \$100 Dump truck hoist \$50 2 speed rear, \$60 215 445 6032 after 6 P M

For Sale 69 Int grain truck 32 000 GVW, V 8, 5 spd 2 spd rear 18 bed, 52 sides, latest in spection 717-865 6710

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Gooseneck & Bumper Horse, Livestock & Utility 717-364-5482 or 717-364-5143

35' & 40' STORAGE TRAILERS FOR SALE OR RENT

Keens 717-626-5420

CHICAGO PNEUMATIC 250-RG-2 AIR COMPRESSOR • With D282 IH Diesel Engine MOUNTED ON IH 1600 LOADSTAR

Reduced To \$3,895 Call 215-367-2169

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CASH FOR PUPS

I need Purebred and extra cute mixed litter lots 6 to 8 weeks old Clean and healthy for resale as house pets Contact Jo Jo The Dogman at Roots Farmers Market RD 1 Manheim PA Every Tuesday 5 p m to 8 p m (No Phone Calls)

P.S. \$50 PRIZE FOR CUTEST PUP PURCHASED ON DEC. 9

Purebred Norwegian Elkhound puppies, 7 wks old, \$50 ea 717 665 7434

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Riteway AND ASHLAND HEATERS

- Combination Wood and Coal
- Thermostatically controlled
- In Stock now



STOLTZFUS HARNESS SHOP

RD #1 Box 13 Honey Brook, PA 19344

REAL ESTATE

Northeast Ohio Farm - Holmes Co.
90 acres silt loam soil with complete hog setup. Nursery capacity 300, 150 farrowing sow capacity. Possible owner financing \$218,000.
160 acre dairy farm, with 125 acres tillable, excellent house, average barn, 1 silo, and many other out buildings. Mineral rights transfer producing well on property.
For appt call Ralph Rheinheimer 216-682-5106 or Green Valley Realty 216-682-7966

For Rent - 4 room house, middle aged couple, nice yard and parking. Neffsville, Lancaster Co., 717-569-1170

LEASE QUALITY DAIRY CATTLE
Various plans available
Call or Write
Dairy Farm Leasing
1700 Dupont Ave South
Minneapolis, Minn 55403
612-377-1489

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022

REAL ESTATE

Young Veterinarian - farmer couple wants to lease or purchase farm with facilities to milk 60-100 cows. Call 215-444-1058

For Sale - Woodland, Bethel 717-933-8311

FREE CATALOG!
Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF 11, WEST REAL ESTATE AGENCY, INC., 2728 Murray Ave. Pittsburgh, Pa 15217

DAIRY OR BEEF FARM Near Troy, Pa., 320 acres, 150 tillable, 140 pasture, 30 in woods, 6 spring fed ponds, 10 room & bath home in fine condition, 64x112 barn, 8 ties, 51 stanchions, 13 stalls, barn cleaner, 2 silos w/unloaders, Mow conveyor, milk house, 550 gal bulk tanks, 4 DeLaval Milkers, 20x80 shed, also 20x20 shed, about 1500 ft highway frontage, price \$275,000. No A 7882 WEST REAL ESTATE AGENCY INC Office 12 Canton St., Troy Pa 16947, Phone (717) 297-4046 or 297-2777

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55 box stalls, house & 2 barns, 4/10 of a mile training track, 14 paddocks, near Bel Air, MD. Indoor exercise ring, lush pasture, centrally located to 5 major race tracks \$500,000

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200 COW FREE STALL BARN with new 8 stall parlor. 2 big unloading silos plus bunker & trench. Good duplex home. Apartment & trailer complex brings \$1400/month income. \$210,000 income from 130 milkers. 725 acres gravel based Honeyoye silt loam some river flats. Cattle 5 tractors & equipment included for \$700,000 or \$475,000 bare. With 420 acres \$279,000



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CENTRAL NEW YORK OFFICE

STOCKED & EQUIPPED ONE-MAN FARM: 180 acres productive loam soils. 3 acre pond. 66 tie pipeline barn. 2 silos. cleaner. 27 stanchion heifer barn. 4 bedroom home recently remodeled kitchen & bath. About 47 holsteins (some registered). 3 tractors. equipment \$175,000 complete



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FREE DAIRY LISTS.

SOMERSET COUNTY HOG FARM

25 acres fenced pasture & woods, pleasant rural location, 4 miles to turnpike. New slated floor barn, 14 nursery & gestation pens for 80 sows. 48 x 48 hog barn. Farrowing house with 10 farrowing crates, 2 story garage & barn. 1440 sq ft brick trimmed modular, basement. Assumable FM HO loan. Asking \$125,000.

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FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

FARM FOR SALE

Good working beef cattle operation, in Montour County near Turbotville, Penna. on 50+ acres. Farm includes large 4 bedroom farmhouse, large bank barn, 2 story wagon shed, corn cribs, 10x35 Jamesway Silo, New 14x50 Lancaster Silo with automatic unloader, 16x32 chicken house, nice pond, good roofs on all buildings. \$135,000.00. Call Century 21 Colonial Real Estate (717) 546-8121/368-2168. Evenings or weekends (717) 546-5587/435-0316



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FOR THE PROGRESSIVE FARMER

Three farms in one! The home farm consists of 230 acres. 150 tillable table top flat, 65 acres pasture balance woods. 60 tie stalls pipeline. 9 heifer stalls & several box stalls. 2 bulk tanks. 2 barn cleaners. 4 yrs old 4 bedroom remodeled main home. Tenant house has 3 bedrooms kitchen dining and living room combination. A must see \$258,000

Farm #2 has about 71 acres. 26 stanchion dairy barn. 425 gallon bulk tank. 2 wood silos (12 x 32' & 12' x 28'). Patz barn cleaner. Home has 4 bedrooms. 1 bath. Land lies nicely with 45 acres tillable. 20+ acres of fenced pasture balance woods. This farm borders & would work well with the main farm for \$64,000

Farm #3 40x120 free stall heifer barn with manure loader facility. 18'x65' concrete stave silo with 60' automated Jamesway bunk feeder. 70 acres tillable in one field (1/4 mile long). 10 acres pasture & the balance woods \$85,000

Total package \$407,000. Farm #1 must sell before or with #2 & #3

222 Ac dairy 57 tillable 145 pasture, 20 woods 44 stanchions 12'x35 concrete with unloader pipeline barn cleaner bulk tank 30 x56 main dairy (30 x42 and 17 x30 addition) Large 3 BR home needs work \$94,000. Can be bought with less land

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CHESTER CO. FARM

With jug milk operation including well stocked grocery store, modern 100 cow setup, 3 houses, 3 barns, silo, bunk feeder, pipeline, etc. 140 head of dairy cattle & farm machinery may be included. Retiring owner would consider financing

For More Information
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120 acres, 65 tillable, (30 in 2nd year alfalfa) 25 acres pasture, approx 30 acres for prime development

High American mesh fence around majority of land (5 divider fences) grain drying and storage 16,200 bu in 2 bins, new in '79, 44x88 all steel building with 14x28 double doors at each end, new in '79

3 bedrooms, 2 baths, lg spacious rooms, newly remodeled and carpeting with new wiring, new roof, vinyl siding, storm windows and shutters. Other outbuildings, approx 1 mile of macadam road frontage. Many possibilities with more land in area to rent. Make reasonable offer (and or make appointment to see) Call 717-896-8656 any time, any day except Thursday

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51 acre farm no house new barn subdivided & approved good return potential. Possible owner financing at 10% interest \$89,000

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75 acre general farm. 40 tillable. 20 pasture. coal furnace house completely insulated. new fencing pond. 2 streams. 8000 bu corn crib. 50 x 50 barn. 50 fruit trees. \$110,000. Additional acres available. These owners would like to trade for a house and 5-10 acres in Southeast Pennsylvania. \$50-75,000 range

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5 acres to 125 acres from \$1000 per acre to \$2000 per acre

25 acres 1/2 tillable balance wooded stream through borders large trout stream \$37,500. Financing at 9% Owner will divide this in half

Many of these owners will finance 9-12% interest
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185 acre dairy farm. About 150 gently sloping tillable acres. Dead end public road setting. 47 tie stall dairy barn, cleaner, pipeline, 800 gal tank, 2 box stalls. Heifer shed, machine shed, calf barn. 16x55 concrete silo and unloader. Clean 2 bedroom farm house in good repair. \$169,000 with excellent owner financing

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NEW YORK DAIRY FARM

200 acres, modern 4 bedroom home, barn with 62 stalls on a 2" pipeline, 37 additional stalls for cows & heifers, two 24 x 60 silos, machinery building, excellent well drained land \$180,000. Assumable mortgage of \$133,000

POSSON REALTY

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JUNIATA CO.

72 acre general farm suitable for steers or hogs. Log house containing 5 bedrooms, good condition. Barn, corn barn & silo, \$85,900

LEBANON CO.

57 acres level land, no buildings, suitable for farming or development, Jonestown area

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GREEN ACRES REALTY CO.

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#1 NEWPORT AREA FARM - General farm. 80 acres. 65 acres tillable, balance woodland & pasture. 30x50 barn, 30x60 equip shed, garage, spring, pond. 9 room frame aluminum sided house. Option to rent add 60 acres asking \$129,500. Eves call John Fry 717-582-8142

#2 NEW BLOOMFIELD GENERAL FARM 70 acres. 2 1/2 story frame 4 B.R., 1 1/2 bath dwelling. Barn, 2-car garage & large bldg. now used for show room & farm implement bldg. \$137,000. Eves call Larry Fry 717-567-6773

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#4 20 ACRES & BARN Cleared land, ideal for the small farmer. Creek ftg. along trout stream. Eves. call John Fry 717-582-8142

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Productive 176-acre Pa farm comes with 34 head of dairy cattle, equipment, hay on hand at time of sale included. 140 acres tillable, 40 in hay, frontage on major stream, plus creek & spring. Nice 4 bedroom & bath home. New 50x80 barn, 22 stanchions, other buildings. On hardtop road. Be the proud new owner for \$225,000, owner financing

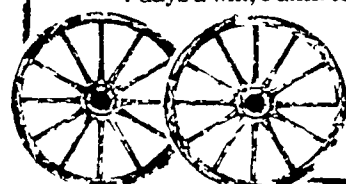
Walk-In Dairy Farm

Beautiful 311-acre NY farm comes with 55 milk cows, 22 springer heifers, 28 head of young stock, 3 tractors, crawler, long list of machinery included. 135 acres tillable, 100 in pasture, spring. Stately 12-room home has 5 bedrooms, 1 1/2 baths. 36x156 barn, 61 steel stanchions, 4 milking machines, transfer station, 600 gal. bulk tank, 40x96 barn, 2 silos with unloaders. On hardtop. Yours for \$350,000, owner financing.

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55 ACRES

34 acres tillable, balance in fenced pasture. Stone house with 4 bedrooms Barn with 10 stalls for horses

73 ACRES

56 tillable, 6 woods, balance in pasture Freestall barn 4 bedroom house

84 ACRES

65 tillable, 16 woods, stream large 6 bedroom house - dairy barn

23.7 ACRES

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5 ACRES ±

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Call For Details

FARMS & LAND

THIS WEEK'S FEATURED FARMS & LAND

FARMS

FO-51 188 acre farm in central Snyder Co. Approx 100 acres tillable Good, warm 8 room, 4 bedroom log house 35x80 bank barn Other good buildings Long Fields Lots of road frontage Owner financing w/\$50 000 down, balance at 10% interest \$175,000

FO-25 145 Acre general farm in Mifflin Co 100 tillable acres Along Rt. 522 with lots of frontage Frankstown cherty silt loam soil Some Berks soil Good producing crop farm Possible owner financing at 10% interest \$197,500

FO-500	Columbia Co 112 acres	\$198,000
F7-102	Northumberland Co 141A	\$141,000
FO-54	Northumberland Co 60A	\$ 85,000
FO-51	Snyder Co 188 acres	\$175,000
FO-45	Snyder Co 137 acres	\$155,000
FO-48	Snyder Co 26 A mini farm	\$ 65,000
FO-75	Snyder Co 49 Acres	\$ 65,000
FO-47	Juniata Co 143 acres	\$199,000
FO-74	Juniata Co 26 A mini farm	\$ 71,500
FO-25	Mifflin Co 145 acres	\$197,500

LAND

LO 66	Union Co 38A Near Lewisburg	\$ 95,000
LO 23	Mifflin Co 183 acres	\$127,000
LO 39	Perry Co 50 acres	\$ 45 000
LO-50	Perry Co 10 acres	\$ 19 900
LO 24	Northumberland Co 24 A	\$ 20 000
LO-55	Northumberland Co 49 A	\$ 40 000

OTHER

RO 122 Lovely 3 bedroom brick rancher on 56 acres with 25 acre lake Snyder Co \$91 500

Bowen Agency inc.



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717 374-4144

Don Bashore
Juniata/Perry
717-436-9213
Dallas Will
Mifflin
717-543-5685

For Sale 14 acre Lanc County farm Large barn, Nebraska hog building set up for 600 hogs, tobacco shed Two story 3 or 4 bedroom house Call for details 717 665 3444 after 5 P M

HUNTINGDON COUNTY

Approx 114 Acre Farm mostly tillable with some woods lg bank barn 8 room 1 1/2 bath house, owner will finance, \$150 000

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\$1100 PER ACRE

138 acres 70 clear no im improvements Planted in peppers in 1980 Crop or dairy farm potential West of Dover DE in Amish country Call

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MAKE AN APPOINTMENT TODAY BUY-SELL THROUGH KINGSWAY JUNIATA COUNTY

66 Ac., dairy setup, new listing, starter farm, 38 stalls, spring, \$160,000.
72 Ac., 60 till., barn & front, \$87,000.
16 Ac., farm bldgs., stream, \$63,900.

LANCASTER COUNTY

New Listing - 2 1/2 Ac. farmette, mt. stream, pond, Rt. 896 North, priced in the 40's.
108 Ac., fert., good home & front, \$5000 per.

SNYDER COUNTY

14 Ac. veg. farm, good barn, stream, \$29,900.
25 Ac. hog farm, ex. home, off Rt. 522, \$74,900
130 Ac. hog farm, 100 till., ex. home, \$195,000
100 Ac. steer farm, 80 till., for 100 head, \$165,000
28 Ac. general, all till., 6 rm. house, \$69,000
20 Ac. woodland, secluded, Rt. 104, \$22,000

MONTOUR COUNTY

80 Ac., 70 till., house, secluded, \$79,000
9 Ac. farmette, near Rt. 230, secluded, \$55,500

For Information On These & Other Penna. Farms Ask For One of the Farm Men

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Beautifully secluded 23 acre farm property located in the scenic agricultural area of southern Schuylkill County Consisting of a completely remodeled Cape Cod home with 6 rooms, 2 baths & fireplace Bank barn with native stone foundation, new pole barn, 2 spring houses, smoke house, pond, and rail fencing Located within E-Z access of I-81 (7 miles) Possibility of purchasing 5 additional acres adjoining the farm This is a very nice piece of real estate that's worth your checking into Asking \$126,900.

* Call

DERRY REALTY CO.

717-273-9351

Ask for Jason or Pat Rutter.

NEW LISTING — 104 acre dairy farm in Mifflin Co near McVeytown All buildings in excellent condition Large 40x80 cow barn, laminated rafter w/attached 36x72 heifer barn, 40x64 implement shed, 14x16 milkhouse w/500 gal bulk tank, 20x65 & 14x50 silos, 5 bedroom house in excellent condition Priced for quick sale \$189,000

HUNTINGDON COUNTY DAIRY FARM - 176 acres with 125 acres of level farmland in hay & corn Barn set-up for small herd Stream on two sides Comes stocked & equipped

LARGE FARM & DEVP. LAND: 1150 acres near metro area. Half wooded, 200 acres mowed Prime development site **PRODUCTIVE 200 ACRE DAIRY FARM:** Over 100 tillable, 48 cow barn Rafter barn, Pipeline, 4-bedroom home W/WO cows & Equin \$200,000

BEDFORD COUNTY DAIRY FARMS - 138 ac - 120 tillable in hay & corn Bank barn 46 stanchions - 12x55 silo w/2 yr old unloader - new cleaner - 400 gal bulk tank shed-blacksmith shop-wood & cribs - 4 bedroom home plus 3 bedroom home Stream-valuable road frontage \$169,000

200 ACRE STOCKED & EQUIPPED DAIRY. Large 48 stanchion barn, new pipeline, 110 acres tillable, flat to rolling, 4 bedroom home

190 ACRE BOTTOM LAND FARM. Approx 180 tillable Excellent for corn & beans Long road frontage Large barn used for beef \$219,000

15 ACRES with 25 additional tillable acres available \$16,900

160 ACRE DAIRY FARM SET-UP for small herd - 15 stanchions - bulk tank - wood silo Hog pen - garage - equip shed - spring house - large farmhouse Near 138 acre farm \$225,000

LARGE 200 HEAD DAIRY with double six parlor, 20x60 stave, 20x60 Harvestore & 20x70 Cropstore, Badger slurry system, 2000 ton trench (200 head free stall barn) Home has been completely remodeled - large family room with woodburner - 7 bedrooms - laundry room - w/w carpet

SAW TIMBER - 150 acres in Central Pa in Nittany Valley - Estimated 400,000 bd ft \$55,000

SAW MILL - Only saw mill in Pa with guided tours Includes 536 acres of timber that will cut over 6000 bd ft per acre

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CENTRAL PA FARM LISTINGS**BEDFORD COUNTY**

GENERAL FARM - 44 acres (28 tillable), 2 story house, garage, workshop, & bank barn in good condition. Small stream & pond. 20 miles from Johnstown. \$75,900

GENERAL FARM - Dairy farm. 155 acres (120 tillable, 30 pasture) Includes 6 bedroom house, bank barn, machine shed, garage, & small stream. \$155,000. Owner financing available. Farm can be split for sale to simultaneous buyers.

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg. Solid 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. \$215,000

CENTRE COUNTY

AMISH FARM - 1/2 mile east of Rt. 22, Brush Valley, 156 acres, 96 acres highly productive tillable, 30 acres woodland, brick house, dairy barn, tobacco barn, 2 silos, large shed, shop, pond, completely adapted for Amish, \$268,000

GENERAL FARM - Potters Mills area, 53 acres (36 tillable). Sound house, 2 story barn, outbuilding, stream borders property. \$91,500

GENERAL FARM - 108 acres (77 productive tillable, 19 pasture, 12 woodland & site). Near Aaronsburg, 2 story brick house, bank barn, milk house, other out buildings, small stream. Owner financing. \$125,000

GENERAL FARM - 88 acres (70 tillable, balance pasture & woodland), near Millheim, large bank barn, Mobile home (no house), silo, small stream. Owner financing. \$93,000. Adjoins farm listed below.

GENERAL OR LIVESTOCK FARM - 150 acres (142 tillable). In good agricultural area near Millheim in Penns Valley. 2 Story house, large 2 story bank barn & other outbuildings. Owner financing. \$185,000. Adjoins farm listed above.

GENERAL OR LIVESTOCK FARM - 75 acres (65 tillable), log & plank constructed house, new 40x80 2 story bank barn, 14x40 concrete stave silo. Between Spring Mills & Potters Mills. \$149,500. Additional land available for rent.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sprout State Forest. Picturesque with tillable and wooded acreage, 2-story house, 2 car garage, very good condition. Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. \$150,000. Owner financing.

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland). 2 story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs. Small stream. Approximately 18 miles from State College. Complete \$97,500. 75 acres + barn only \$68,500, 39 acres + barn only \$52,500.

CLINTON COUNTY

LIVESTOCK FARM - 78 Acres (57 tillable) near Mill Hall, excellent 2 story house, bank barn, implement shed, 2 garages, stream. \$94,500

LAND - 33 Acres located in Beech Creek Twp. Clinton Co., 1.6 mi. from Beech Creek, Pa. on Rt. 364 West. Property is totally wooded. Beech Creek stream runs along entire eastern boundary. \$35,000

COLUMBIA COUNTY**TWO CONTIGUOUS FARMS DIVIDED BY I-80**

UNIT A - SOUTH OF I-80 - GRAIN & LIVESTOCK FARM - 348 acres, (265 highly productive tillable, 81 woodland, 2 site). Complete with 2 homes, large bank barn, grain dryer, 44,500+ bu grain storage & Butler building reinforced for additional grain storage. Land from Unit B below could be rented by buyer. Very attractive interest rate with owner financing. \$605,000

UNIT B - NORTH OF I-80 - GENERAL OR LIVESTOCK FARM - 185 acres (85 highly productive tillable, 90 woodland, 10 pasture & site). Nice 2 story frame house, large bank barn, several streams & pond. Very attractive interest rate with owner financing. \$285,000. Unit B available with Unit A or for simultaneous sale to separate buyers. There is an overpass to cross I-80 near these farms.

HUNTINGDON COUNTY

GENERAL FARM - McAlveys Fort - 120 acres (70 tillable). Excellent house, bank barn, implement sheds, corn cribs, silo w/unloader & bunk feeder, new hog finishing barn. \$245,000

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland). 3 dwellings, large bank barn with 36 tie stalls & pipeline milker. 2 concrete stave silos with unloaders & miscellaneous outbuildings. Dairy facilities are less than 2 yrs. old. Water supplied by springs. \$340,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville. 270 acres (165 level, very productive tillable). 2 story house, bank barn, 60 x 120 cattle barn, 20 x 60' Harvestore, 2 streams. Owner financing. \$325,000

MONTOUR COUNTY

GENERAL OR LIVESTOCK FARM - 5 miles southeast of Muncy. 210 acres (110 productive tillable, 45 pasture, 55 woodland). Excellent house, bank barn, implement shed, good road frontage, stream frontage. Ideal Livestock farm. \$219,500

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM - Near Turbotville. 231 acres (174 very productive tillable). House, bank barn, implement sheds & like new grain drying facilities. Owner financing. \$344,000

PERRY COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt. 35. 20± acres (Approx. 17 tillable acres & 1 acre of woodland). additional acreage available. good 2 story frame house, remodeled interior. 2 story barn, outbuildings. nice setting. good road frontage. \$89,000

UNION COUNTY

SMALL FARM - Adjoining Swengel. 29 acres (26 highly productive tillable), good one story frame dwelling, good bank barn, outbuildings, pond. \$84,500. Adjacent original 2 story farm house & outbuildings also available. \$28,500

SMALL FARM - 4 miles north of Mifflinburg. 33 acres (24 productive tillable). 2 story house, storage facilities, 2 corn cribs. Completely fenced for cattle. \$99,500

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160 acres, 2 houses, huge bank barn, \$120,000 Huntingdon Co.

510 acres, 3 houses, huge grain facilities \$775,000, Owner financing.

40 acres Martic Twp., Lancaster Co. \$3000 per acre

46 acres Lancaster Co. \$8000 per acre. Rt. 30 West.

23 acres, 4 bay garage, bank barn, large house, level land, \$92,000.

55 acres, Cumberland Co. \$110,000.

288 unit modern veal calf unit, good opportunity for young man to start.

184 acre dairy, 200 free stalls, 4000 gal. milk tank, level land

93 acre dairy near Rt. 22, house, silo, milk house, \$120,000.

107 acre dairy, Centre Co., along Rt. 45, pipeline milker, \$192,000.

140 acre 41 stall dairy, take over w/owner, beautiful land in Mennonite community.

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GENERAL

161 Acres fertile level sandstone soil, 10 room (5 bedrooms) stone and aluminum house. Large living room with fireplace, enclosed porch. Extra large bank barn. Owner financing.

DAIRY

131 acres, Hagerstown limestone soil, modern 7 room frame house, 50 tie stalls, pipeline milker, 1500 gal. bulk tank, 100 freestall barn, 3 silos, large implement shed, ready for today's dairyman. 100 acres additional cropland available for lease.

GENERAL

75 acre estate setting within minutes of turnpike, I-81 and Rt. 11. Gently rolling land, bank barn, modern 2 story frame house, stream, road frontage, creek frontage

GENERAL

Lovely setting secluded remodeled 2 story brick house w/4 fireplaces, barn and silo. Yellow Breeches Creek flowing through pasture on this 67 acre limestone soil farm

LAND

63 acres, fertile limestone soil, all tillable, no buildings.

HUNTINGDON CO.

GENERAL

172 acres shaly silt loam, modern 7 room house, barn and other out buildings, nestled in Trough Creek Valley near Raystown Lake

DAIRY

166 acres shaly silt loam, spacious brick rancher with attached office and 2 car garage, bank barn with 12 stanchions, large implement shed, woodland, stream, road frontage, included is 1 room brick school house

DAIRY

136 acres shaly silt loam, 20 tie stalls, 300 gal bulk tank, bank barn, frame house, stream, road frontage, near Raystown Lake

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Carlisle, Pa.
Phone - 717-243-6195

**HERKIME COUNTY FARMS -
CENTRAL NEW YORK**

220 acres 100 tillable, 50 woods, 50 pasture. Lovely old brick home. 40x100' barn 46 tie stalls plus heifer room, silo, Oliver tractor plus full line other machinery \$165,000. Owner will finance at 10% interest

New Listing - 250 acre dairy farm. 38'x200' barn, 190 tillable. 2 large pole barns, 2 silos. New pipeline milker. Bare or stocked and equipped. Large assumable mort @ 8 1/2 % interest

175 acre SHOW PLACE FARM. 100 tillable, 30 wood and pasture. Pipeline milker, 2 silos. 46 ties, plus room for heifers. Lovely 2 family home, 6 bedrooms, 3 1/2 baths. Move right in. \$193,000.

300 acre farm, 200 tillable, 50 woods and pasture. 2 silos 34'x94' barn, heifer barn with new pole barn 50 stalls. Owner will finance. Bare or stocked and equipped

New Listing - 540 acre farm, Harvestore and 2 concrete silos. Pole barn. Very nice home. Bare or S & E.

United Farm Agency

Kingdom Road, Mohawk, NY 13407
315-866-7909

NORTH CENTRAL PA.

Priced
To Sell

**FARMS &
INVESTMENTS**

Priced
To Sell

300 PLUS ACRE DAIRY FARM - in the heart of Tioga County. 113 ac balance pasture and woods marketable timber. 54 head barn, pipeline, barn cleaner, bulk tank, 20 x 75 & 14 x 40 silos, unloaders, 2 ranch style homes, large shop, 2 - 24 x 60 machinery sheds. More land available. Priced at \$241,500.00 W-507 PH. 717-724-5921.

PRIDE OF OWNERSHIP - Beautiful 38 ac beef, horse or play around farm just 3 miles from Wellsboro. Barn, garage and other outbuildings in good condition. Beautiful house with very lg. office, kit, dining and liv. rm. all recently remodeled in exc. taste. Tremendous field stone frpl and solid cherry woodwork. Thermopane windows and wood siding on exterior. Nice garden spot with gracious views. An exceptionally nice home that you should see without delay. Priced at \$86,500. W-494. PH. 717-724-5921.

BEEF OR SHEEP FARM - Near Elkland, Pa. UP to 234 acres. Almost entirely tillable and pasture. Lots of water and shade. Good 4 bdrm home w/barns & silo & approx 160 acres for \$99,500. 150 additional acres at \$425. p/ac or 71 acres w/pond for \$39,500. Terms avail. M-PCS 717-662-2138

162 ACRE FARM - Lg 2 story barn, 24 x 50 pole barn & 3 outbldgs. Very good country home & new 3 car garage. 65 ac till, 55 ac pasture w/2 yr old fence, bal wooded. Real beauty w/stream & potential! Exc. for \$75,000 C-382. PH. 1-814-367-2249

SCENIC FARMETTE - Tastefully remodeled 2 story farm house 3 bdrm, full basement, 2 car garage. Wood, gas and hot water B.B. heat. North Fork Creek thru property w/31 acres wooded and open. Beautiful location and more for \$45,500 C347 PH 1-814-367-2249

ELABORATE CAMP - Cozy 5 room camp in superb condition. Fully furnished, carpeted and insulated. Relax indoors with a gas - wood fireplace and outdoors with a lg redwood deck and gas barbecue. Well and septic on site. Area offers easy walking distance to the Genesee River, good hunting and striking views. Priced at \$16,700. C-437 PH 814-367-2249

CALL OR WRITE US FOR OUR FREE LISTS!

**THE REAL
ESTATE**

Offices Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave - 724-5921
WESTFIELD, 108 Main St - 814-367-2249
MANSFIELD, RD 1, Box 41 662-2138
AND BRADFORD County call or write
TROY, 533 Elmira St - 297-2118

OUR #1 AIM IS SERVICE

REAL ESTATE

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REAL ESTATE

REAL ESTATE

OPPORTUNITY CAN BE YOURS ON THIS SOUTH CENTRAL PA. DAIRY FARM!

- Excellent milk marketing area.
- Bountiful crops: alfalfa, brome grass, corn and oats grown on this farm.
- 50 stanchions with 2 inch stainless steel pipeline "DeLaval" milking system.
- 2 silos with unloaders, stable cleaner.
- Machine shed, section heated
- Tastefully remodeled house with all conveniences.
- 125 tillable acres, 35 pasture, 90 woodland.
- \$350,000, owner financing for qualified buyer.

INVEST IN LAND!

- Excellent investment property.
- Adaptable for horses, sheep or beef.
- 130 Acres tillable, 120 acres woodland with good timber ready for logging.
- Large house, good condition.
- 55'x65' barn and other small buildings.
- Several streams, price \$250,000.

Selling or Buying...Call Jesse!

• Jesse lived on the farm all his life. He was a successful dairy farmer for 28 yrs. and had to quit farming due to health reasons. He is capable, honest and willing to help you with your farm needs.

Jesse D. Ziegler
215-488-7372
Office number 717-733-6501



1248 W. Main St.
Ephrata, PA

50 ACRE FARM WITH VEAL BARN

2 yr old excellent condition veal barn, fully equipped, ready to go 16 tillable, 20 pasture, fenced, with creek, some woods. 4 bedroom home, good condition, 45x60 barn with 32x60 overshot loafing area, 5 bay implement shed, 20x20 block butcher house. Other outbuildings Beautiful View! Mifflin County
\$89,500 Owner 717-899-7418

Adjoining Land Available

37 acres, 23 tillable, 14 woods, **\$30,000.**
77 acres, 11 tillable, **\$550** per acre
51 acres, 7 tillable, **\$550** per acre

L-316 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder. Sellers will sell dairy & layer separately to two simultaneous buyers **\$310,000**

L-3363 Profit from the fruits of your labor on this small Adams Co orchard. Excellent return on investment Nice 2½ story home, sales room, several out buildings

L-3327 Juniata Co Dairy, 85 acres mostly tillable, large bank barn, large brick & frame home. Fronts on Rt. 75 & Tuscarora Creek, additional acreage available for lease or purchase. **\$135,000** Owner financing available

Buying or selling farms in York & Adams Co., check with Dan Rodgers Farm Specialists, Key Real Estate, 108 York Street, Hanover, Pa. 17331 Phone 717-632-6400.



104 ACRE DAIRY FARM

Mifflin Co 35 stall barn with cleaner built 1975, 36x64 shed for heifers 2 silos 20x65 and 14x50, 40x64 machinery shed, 8 room house

717-899-7715

COLUMBIA CO. MILLVILLE AREA

167 acres, 90x95 tillable large 11 room house semi secluded Priced less than \$750 per acre

MITTANY VALLEY BELLEFONTE AREA

211 acre dairy farm barn w/46 stalls 3 silos horse stable implement shed corn crib meadow w/stream 2½ story dwelling, ideal situation for second set of buildings Hagerstown limestone soil

Agent - Roy E. Haller
215-484-4844

FARM FOR SALE

216 acres tillable approx 170 Terrain mostly level to gentle slope Modern frame bank barn 60 stanchions, cleaner pipe line milker also large frame heifer shed 20'x70' silo also 18'x70' silo Very nice dairy set up Good 2½ story house Owner financing

HORNING FARM AGENCY, INC.

Main Street
Morgantown, PA
215-286-5183

FINGER LAKE FARMS FARM BROKERAGE SALE

Why not? In the next 30 days to help sell the following farms, we will sell at a reduced flat rate commission. Thousands of dollars savings. We want to help these sellers get to Florida this year. Owners will accept any reasonable offer. These farms in 2400 to 2600 degree days, high lime soil district. Some have produced 180 bushel corn

500 acres, 400 plus tillable, cash crop, best Honeoye soil in the State. Excellent house, good barn, Harvestore. Try **\$400,000**, owner financed

550 acres, 500 tillable, outstanding grain complex and dairy operation, double 9 parlor, 4 houses. All first class. Owner financed Call on our price. Has produced 180 bushel corn.

350 acres, 220 tillable, 150 freestall complex, two houses. Beautiful corn and alfalfa Try **\$300,000**, owner finance. Capable of 180 bushel corn

1200 acres, 900 tillable, cash crop, excellent house & buildings. Try **\$900,000**

1200 acres, 900 tillable, more land available. Includes extensive machinery, warehouses, too much to quote. Try **\$2,000,000**. Has produced 5 tons corn

300 acres, 250 tillable, 100 cow barn on pipeline, good house, large level fields Try **\$200,000**.

D'AMATO REAL ESTATE, INC.

Call: Harry Pettingill, Jr. Broker
Farm Division
Phone 315-568-9708



MONTGOMERY COUNTY

75 acres, \$3,500.00 per acre large amount of road frontage #139.

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **\$385,000** Reduced to **\$300,000**

BERKS COUNTY

97 acre secluded general farm featuring lovely 7 room Colonial private 1000' drive overlooking valley, original floors, flagstone patio, 2 ponds, stream, lovely guest house, large barn, horse stalls, 2 car garage, shop, and much more, **\$325,000** #319

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society **\$375,000** #117. Lease possibility.

BRADFORD COUNTY

475 acre dairy farm, 360 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for **\$575,000** Call for details #311

OTHER FARMS AVAILABLE

Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056

Ph: 215-679-5919

DONALD LONGACRE
Associate Broker
Berks Co

WILSON T. ADAMS
Berks Co

GORDON BOYER
Luzerne Co

TIM FRANKLIN
Bradford Co

GEORGE PERRY
Berks Co

RALPH CONNELLY
Chester Co

JOE SIEBER
Juniata Co

AMOS BALSBAUGH
Lebanon Co

HAROLD SHELTON
Susquehanna Co

KEN THRUSH
Columbia Co

JAMES SHOEMAKER
Bucks Co

RAYMOND SWARTLEY
Bucks Co

245 acre dairy farm, 160 tillable, 60 stall barn with 6 unit pipeline, box stalls, 750 gal bulk tank, barn cleaner, freestall & loafing barn, 50'x60' machine shed, shop, 20 x 60 & 12 x 35 concrete with unloaders & 20 x 40 Harvestore No. 1 home with kitchen, livingroom, family room, 3 bedrooms & 2 baths All for **\$265,000.** #306. All cattle & machinery available

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **\$105,000.** #297.

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road. Sets very nice, must be seen to appreciate All for **\$225,000.** Cattle & machinery optional Additional acreage available for rent

79 Acres 59 open & 20 wooded w/unlimited possibilities. Only 5 minutes from Athens. Nice view **\$39,000.**

94 acre general farm, large 2 story home w/8 rooms & bath, large bank barn & other buildings, **\$80,000.**

86 acre investment opportunity w/country living 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **\$69,500** #273.

WOODED ACREAGE

11 acres **\$11,000**
38 acres **\$26,700**

SUSQUEHANNA COUNTY

67 acres of prime hunting ground, **\$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **\$162,000.** #267.

19 acres, lovely woodland, suitable for hunting or retreat **\$22,500**

40 acres of woodland, **\$26,500.**

Several other parcels available

SCHUYLKILL COUNTY

149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal diningroom, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber All for **\$165,000.** #288

SNYDER COUNTY

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **\$130,000** #307

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property **\$36,000.** Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road **\$32,000**

CHESTER COUNTY

10 6 acre nice open ground, residential district, ideal for development, call for details **\$52,600** #227

JUNIATA COUNTY

New

156 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing 17 crate farrowing & feeding operation, 275 bu grain dryer with 3000 bu storage bins Concrete silo & large bunk silo, good ground All for **\$250,000.** #320. Full line of Farm Equipment, hogs & cattle available under separate contract Call for details

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **\$65,000.** #283.

SOMERSET COUNTY

196 acre dairy farm, 140 T, 60 tie stall bank barn w/new pipeline & bulk tank, lovely victorian home with large kitchen, DR, LR, study, 4 bedrooms & bath, 20 x 60 conc silo with unloader, large Quonset machinery shed & other outbuildings, good ground, 100 acres available for rent, **\$275,000.** #296.

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **\$200,000** #145

POTTER COUNTY

16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing **\$30,000** #312
40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **\$20,000** #109.

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~\$225,000~~, reduced **\$210,000** #310

Lovely 7 acre farmette featuring 2½ story home with 10 rooms and 2 baths, 20x60 machinery shed all in good cond ~~\$65,000~~, approved **\$65,000** #309

NEW JERSEY

142 acre dairy farm w/nice pond & streams, 2½ story home w/4 bedrooms, 2 baths remodeled kitchen, living room, dining room & laundry 60 stall barn & 80 stall freestall, milkhouse, bulk tanks, large shop, large machinery shed & corn crib, 200x25 trench silo, 14x40 concrete silo All for ~~\$495,500~~ Reduced **\$459,500**

REAL ESTATE

2 FRANKLIN CO. FARMS
Near Willow Hill
77 acres house & barn \$96,000
104 acres w/lovely home & barn
\$150,000 Owner will finance
VAN CLEVE REAL ESTATE
717-392-3032

SHRODES
REALTY
REALTOR AUCTIONEER
692-5667

YORK CO. FARM

Long paved drive leads you to the heart of this approximately 84 Acre +/- Crop farm Offers acres of fertile clear & tillable crop land pasture w/stream plus wooded acreage Improved by a large 4 BR frame dwelling w/full bath large bank barn and numerous other supporting farm related buildings Ideal southern York County location convenient to Lancaster County Offered at \$200,000 Phone (301) 692-5667 / 996-2424 for details

DAVID W. SHRODES REALTY
5014 Carea Rd
Box 203
Pylesville, Md 21132

REAL ESTATE

EDEN TOWNSHIP

Between Quarryville and Georgetown. 107 acre dairy and tobacco farm, full set of farm buildings, new cow barn with 36 tie stalls and 3 silos new tobacco shed with dampening cellar Everything ready to go for the Amish farmer

Theodore B. **Pyle Realtor**

100 East State Street Quarryville, PA 17566
(717) 786-1020

REAL ESTATE

CENTRE CO. LAND

64 acres California Hollow Centre Co level to gentle rolling Unpolluted stream flows thru Marketable timber bldg sites shale bank \$36,000/owner financing

30 acres 2 miles from Sayers Dam Howard Centre Co Level good access marketable timber bldg sites \$23,750

14 acres Marsh Creek Centre Co Gentle slope excellent access Open and wooded great hunting and fishing Bldg sites \$15,400/owner financing

Also available 60 150 acre tracts No buildings tillable and wooded Create your own farm and/or buildings

Please call Miles Clevenstine Realtor Assoc
814-383-2755 or 234-1150

KIMBALL REAL ESTATE

Suite 1, 1001 University Dr
State College, PA
814-234-1150

MLS

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

80 acre dairy and hog, 20 cow tie stalls, 18 crate farrowing Call Mr Niesley

65 acre limestone tract, no buildings Call Mr Niesley

FRANKLIN COUNTY

170 acre dairy, 55 free stalls, 2 silos, owner financing. Call Mr Niesley

HUNTINGDON COUNTY

193 acre (40 tillable) Retreat Farm hunting and fishing Call Mr Niesley

MIFFLIN COUNTY

225 acre dairy, 27 tie, 3 silo, financing Call Mr Crawford

145 acre limestone, general, no house Call Mr Crawford

PERRY COUNTY

89 acre limestone general, Amish neighbors, financing Call Mr. Benner

N

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673

CLAIR R. BENNER - 717-444-2162

EARL I. STERN - 717-748-7376

GREGG R. BITTING - 717-789-3368 or 789-4513

STEVE E. ORRIS - 717-789-3368 or 789-4177

MAILBOX MARKET

For Sale 11 month reg Molly Chief son out elevation dau 20,000 milk \$700 10 month reg Jet Stream son out 20,000 dam \$650 Aaron K Fisher 141A Queen Rd Gordonville Pa

For Sale 1030 Case diesel with factory cab Excellent cond con version kit for oil furnace plus fuel tank Franklin Co 717-532-9441

MAILBOX MARKET

For Sale 1968 Scout V8 4 wheel drive mechanically great Body fair low mileage Lanc Co 215-286-5380

For Sale 30 x70 tobacco shed to be torn down \$15,000 Two barn doors 8 x12 \$75 717-653-5775

For Sale 50 native ewe lambs dorset Ramoliet Suffolk cross 70-80 lb \$60 each at farm Clearfield Co 814-263-4250

MAILBOX MARKET

For Sale 1971 GMC V6 18 ft steel flatbed 5500 series 23,000 GVW 8 25x20 rubber ready for work Luzerne Co 717-256-3538

For Sale Wood stove cabinet type used two seasons Magic Heat heat saver will sell together or separate 717-865-5003 Berks Co

For Sale 20 Feeder calves 450 to 500 lb mostly Angus or Black White Face Heifers also Reg 1/2 Chianina bull crossed with Angus 717-362-9850 Dauphin Co

Will board heifers this winter Will feed silage hay and cob chop For Sale AC B power unit \$850 Stephen S Fisher 141 A N Ronks Rd Ronks, RD1 Pa 17572

For Sale- 2 female goats born in May 1980 approx 70 lbs a pc \$50 each No call until Tuesday, 215-562-2863 Berks Co

For Sale JD 17 hole grain drill seed, grain fertilizer bins Good shape, 250 or will go for best offer Montgomery Co 215-287-8668

For Sale Meyers 7 1/2 foot snow plow Power angle all lights and controls New cond \$1000 Also 1954 Chev Bel Aire in excellent original cond, \$2300 Mont Co 215-279-2224

Wanted Heat Houser cab for Int 766 diesel with fenders and roll bars Franklin Co 717-263-4860

For Sale Firewood, located Danielsville, Northampton Co 1972 Ford 3/4 ton, inspected, \$900 MH Tractor Loader, Cultiv, corn planter, mower \$1300 Lycoming Co 717-546-8944

For Sale AKC Golden Retriever puppies shots, wormed, champion lines, metal pax 12 hole round pig feeder \$75 Schuylkill Co Orwigsburg 717-943-2920

For Sale Firewood hardwood split 16" 18" Wanted 1 bot dirt plow for IH Farmall cub, 717-334-7944

For Sale Black Walnut trees A number of large size trees available 215-375-0714

Wanted- Young women, 22, desires live in position on dairy farm as milker, Dec thru April Experience and references Glouc Co, NJ 609-629-4496

For Sale- JD tractor model 530 with three point hitch Reason for selling, don't need it anymore Can deliver Bucks Co 215-766-8787 after 6 p.m.

Free for dismantling heavy 30 ft floor joists from bottom floor of 30 by 45 ft bank barn Upper floors burned 215-488-6211 Berks Co

For Sale 4 Surge milker unit and randal with solid stage electric pulsation, like new 717-529-2109 Lanc Co Little Britian Twp

For Sale Convecto Pane Plus by Bennett-Ireland Heating device & fireplace glass doors 15,000 BTU per hour, used 1 year, \$200 Bucks Co 215-282-3245

For Sale Locust posts round or sawed Wanted A 3 1/2 3 pt cushion trip plow 717-949-3134 Leb Co

For Sale 72 Chrysler Newport 4 dr PS PB asking \$640 Also large geese Montgo Co 215-754-7404

For Sale Royal Hinson year round cab heat & air conditioning fits 3010 4020 JD tractors Also JD 3 btm 16 hyd reset plow 3 pt mounted 717-549-5120 Hoga Co

For Sale Old Leghorn hens Eli J Hostetter R1 Box 95 Turbotville Pa 17772

For Sale JD 60 w N1 2 row mtd picker & roll bed elevator needs work \$2900 Luz Co 717-256-1452

TREMENDOUS SAVINGS ON 5500 CHISEL PLOWS & 4500 VIBRA-SHANK FIELD CULTIVATORS

Now Through December

★ IH Allowance on Model 4500: \$435

★ IH Allowance on Model 5500: \$200

THESE TRACTORS & PRICES ARE AVAILABLE AT YESTERDAY'S PRICES GIVING YOU TREMENDOUS SAVINGS

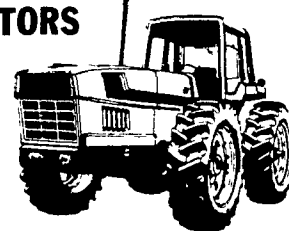
NEW EQUIPMENT 56 BLOWER

Special Price \$1,725

1190 Mower cond
1250 Grinder Mixer
720 & 820 Forage Harvester
2250 Loader
4500 Vibra Shank field Cult
5500 Chisel Plows

NEW TRACTORS

584 D
384 D
Hydro 84D
986
1086
3588



SPECIALS OF THE WEEK:
Make An Offer On Any Of These Three!



861 Ford w/Sauder Loader, just painted, very good condition



Int 606 Diesel, T.A., 1 PTO, 2 pt hitch, new paint, new seat, engine overhauled



Int B 414 w/New Idea Loader, 3 pt hitch, diff lock, power steer

WAIVER of FINANCE ON MOST NEW & USED TRACTORS & EQUIP.

JUST TRADED!

■ IH 1460 Combine w/6 Row Cornhead, Used 489 HOURS
■ IH 1086 D w/Cab & Air, Used 711 Hours

USED TRACTORS

Int 606 D Engine overhauled, New paint
Far 560 D
Far 350 D
Far 966 w/cab, recently overhauled
Far 1066 low hrs
Far 450
Far 230 w/cultivators

Int 544
Int 2606 D Loader Backhoe
Far Super A
Ford 9N
MF 85D
AC CA w/cultivators
JD A w/cultivators
JD 4020 D, powershift

USED TILLAGE

MF 3 Bot. 14" plow
JD 3 Bot 14" plow
JD 2 Bot 16" plow
White 3 Bot 16" cushion trip plow
Taylor-Way 9 tooth Chisel plow
(2) Int. 2 Bot fast hitch plow
(1) Int. 3 Bot fast hitch plow
JD KBA drag type disk harrow

USED HAY & FORAGE

Int 46 Baler w/thrower
JD 336 Baler w/#3 Thrower
JD Blower
Sickle bar mower for Far A
Dion Forage Box, roof & third beater
NH 717 Forage Harvester
Int 2 MH corn pickers
Fox 546 Harvester w/2 row corn head & hay pickup
Int 461 Forage Box

MISC.

Int 13 x 7 grain drill
Int #10 13 x 7 double disk grain drill
Oliver 18 x 7 grain drill
Henderson loader for Super C trac.
Int 175 manure spreader w/upper beater, very good cond
Int 251 3 pt hitch corn planter
Straw chopper for 715 combine
Hesston PT-10 Mower Conditioner
Int 205 Combine w/10 ft platform

SERVICE SPECIAL

FREE HAULING on Any Tractor or Equipment Brought Into Our Shop For Repairs During The Months of Nov. & Dec.

PLUS

10% DISCOUNT ON ALL OVERHAULS

We Have Parts Too

HERITAGE INTERNATIONAL INC.

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PHONE 717-733-2283

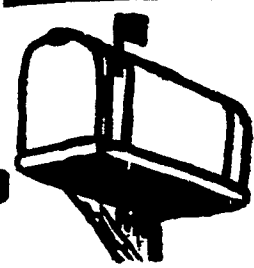


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717-933-8156 or
717-653-5369



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words. Area code must be added to phone number and due to repeated requests please include your county for buyer and seller convenience. All advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper. No business advertisements accepted. Include your Lancaster Farming mailing label and mail to:

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale- 5 Angus Holstein cross steers & 2 Angus Holstein cross heifers ranging from 400-600 lbs. Chester Co. 215-593-5852

For Sale- 1973 Ford F100 pickup, 8' bed, 6 cyl., 3 spd., 73,000 miles \$1100. Berks Co. 215-683-7802

For Sale- 1 Rite-way combination wood & coal stove, 215-273-3598. Chester Co.

For Sale- AC 170 diesel, 2235 hrs. w/f, exc. cond. \$6000. Northumberland Co. 717-538-2106

Sawmill for sale 56" insert blade, 20" carriage w/4 head dogs, 6 cyl. Int. diesel unit, Lapwood saw, \$4,500. Caroline Co. 301-482-8948 after 6 p.m.

For Sale- Straw \$55/ton, Hay \$100/ton (150 bales), Milk Tank 225 gal \$300. Lehigh Co. 215-799-3082

For Sale- 40' elec. pole, \$40, 35' elec. pole \$35. Both very good cond., you pick up. Lanc. Co. 717-354-5574

Wanted to Rent- High pressure, PTO driven liquid manure transfer pump to pump manure pit. York Co. 717-225-5431. Home, 717-225-6394. Office.

For Sale- 1974 Jeep Wagoneer, quadra trac, new inspection, extra rims \$3500. Leb. Co. 717-273-1781

For Sale- Int. 990 haybine, 7' used, 3 yrs. asking \$2250. JD rake w/ front wheel \$950. 814-926-2205. Somerset Co.

For Sale- AC no till 4 row narrow air, corn planter w/300 gal liq. fert. tank, used 2 yrs. Cumberland Co. 717-776-7888

For Sale- Bin wagon on rubber tires, \$450, NI 4R rake, Warm Morning coal stove, model 617A, for parts. Samuel S. Zook, 1605 Fonderwhite Rd., Lebanon, PA 17042

Wanted- Older Zero tanks, 400, 500 & 600 gal tanks. 417-934-6754, Mountain View, MO

For Sale- Revolutionary Mobile Animal Hoist can save the down cow! Use the "Cow Buoy" (livestock wheel chair). Balt. Co., Md. 301/239-7326 or 239-3393

For Sale- Farnam cattle scales, good condition, Adams Co. 717-334-1903

For Sale- Overhead garage door, 16 ft wide, 14 ft high, \$50. 215-298-2803. Lehigh Co.

MAILBOX MARKET

For Sale- JD 3960 harvester, both heads elec., JD 35 harvester, both heads, both nearly new. Delivery, 607-785-4945

Wanted- Oil fired hot air furnace around 150,000 BTUs, 717-933-4571. Berks Co.

For Sale- Saddlebred buggy horse, sound and well broke 10 yr old. Samuel F. Fisher, 2442 Leamon Rd., Ronks, Pa. 17572

Nubian registered purebred goats available. Mating service \$25. Buck's nearest dams 305 days average 2900 lb milk. Show quality 717-334-7993

For Sale- 69 Chevy pickup, 6 cylinder, straight shift, top, best offer, 717-273-9029, Lebanon Co.

Wanted- #58 bale thrower, for a No. 276 NH baler. 814-766-3591. Bedford Co.

For Sale- Int. Hough industrial H 30G Payloader, cab and heater. Good condition. 609-769-2961 after 5 p.m. Salem Co. Woodstown, NJ

For Sale- 12,000 lb tandem axle Totemall trailer, pental hitch, electric brakes, fold up ramps, excellent cond., \$1250 or best offer, 609-358-3176. Salem Co.

Wanted- Registered Holstein open heifers over 14 months and short bred, 301-374-6696. Carroll Co.

For Sale- Outstanding purebred shropshire ram and ewe lambs, Leb. Co. 949-3653

Wanted- Good used farrowing crates with front door and feeder. Lanc. Co. 717-733-4453

Wanted- About 12 ton ear corn, 717-286-0903. Northumberland Co.

For Sale- 1 use DeLaval breeding wheel with magnets, ex. cond. Franklin Co. 375-2498

Wanted- 2 8'x10' garage doors and hardware, in good condition. Lanc. Co. 717-442-4259

For Sale- Homemade front end loader with hydraulic bucket. Hydraulic pump, control valves, and cylinders. Parts or whole, cheap. Lanc. Co. 717-786-4791

Trade- large supply of cord wood for young beef cross calves 3 days or older. Berks Co. 215-589-2001

Wanted- Old Cletrac tractor. Also Oliver OC 3 or OC 4 or AG. 203-375-7491

For Sale- 3 good half grown pigs, 17 tons of straw buy 1 bale or the works, 717-656-7108

For Sale- Gehl flail chopper, model 7200 new condition, Topline dumping station, complete. Silo unloader augers, 14 ft for a Feed Easy & Van Dale. Berks Co. 215-777-6841

For Sale- Patz silo unloader - 14-16 ft NH tank spreader. Oliver 3 16 pull plow, Warren Co., NJ. 210-859-2732

For Sale- 1966 F250 Ford pickup, 352 V8 heavy duty 4 speed transmission, in decent condition, runs good, a good round the farm work truck, inspected \$250. Berks Co. 215-682-7602

For Sale- Purebred Berkshire pigs - Short-nose and 8-20 Mack truck, gas, cab, and chassis, 26,000 GVW, 814-448-3671

For Sale- Fodder flail attachment for JD baler or trade for NH type, Columbia Co. 717-458-5959

For Sale- Bull calf sired by Straight-Pine Elevation Pete, Samuel I. Esh, 3736 B E Newport Rd., Gordonville, Pa. 17529

For Sale- 4'x8' Concession trailer, attractive appearance, gas oven, electricity, easily towed with pickup van, \$2600 or best. York Co. 717-632-2553

MAILBOX MARKET

For Sale- Wide front for Oliver 77 to 880, complete with wheels. Power steering unit & hyd pump \$300. Salem Co., NJ. 609-358-2949

Wanted- Old patchwork quilts, all patterns, light or dark colors. Highest prices. Write Mrs. Marilyn Kowaleski, RD3, Wernersville, PA 19565. Berks Co.

For Sale- 4 whl drive pickup, 1964 Ford F-100, V-8, 4 spd., body is rusted & no title, good tires \$550. Loudoun Co. 703-777-1520

For Sale- JD 507 rotary, 7 1/2' cut, exc. cond. \$600. Balt. Co. 833-9098

For Sale- 500 bales of mixed grass hay, last years kept dry, \$500 per 100. Chester Co. 215-932-4728

For Sale- Ford 8N tractor w/loader, manure fork, bucket, snowplow & tire chains, good cond. 717-784-1967. Columbia Co.

For Sale- F-340 Farmall WTA, fast hitch PTO, \$2950, 500 bales timothy hay \$100/bale, 424 International w/loader \$3950. 717-425-2465. Saturdays. Schuylkill Co.

Wanted to Buy- Large muscled standardbred mare w/lots of pep to pull surrey. Jake D. Lengacher, R1 Box 77, Port Trevorton, PA 17864

For Sale- Bucket-a-day stove, 23 1/2" H, 14 1/2" W. good cond. \$100. 215-286-9682. Berks Co.

How to Make- Sweeping compound & chimney cleaner from saw dust base, send \$1.00 for formula, stamped self-addressed envelope to Hampton, R1 Box 252A, Pine Grove, Pa. 17963

Wanted- Used jig saw, (not a sabre saw) 717-653-8622. Lanc. Co.

French Alpine Buck Service, exc. blood lines, Northern Harford Co. 301-836-1860 after 5 p.m.

Wanted- Used thickness planer, 12" 22" Rockingham Co. 703-879-9536

For Sale- Reg. Angus cattle, 20 long yearling bulls, also bred cows & heifers, 1 proven herd bull. Lanc. Co. 717-367-1552

1 set alum wheels & tires L78x15 for Ford pickup \$275, Ford pu radiator \$35, 275 gas tank & pump \$300. York Co. 717-938-4222

Free- Large old air cond., works. 717-859-2697, Lanc. Co.

Wanted- 40 or 42" in serted tooth saw for sawmill. Wayne Co. 717-698-5857

For Sale- 701 Uni w/710 combine, 727 husker, 711 grain head, 725 corn head. 717-626-6142. Lanc. Co.

For Sale- Donkey green - broke, could be trained for plow or con hunting. 717-788-1807

For Sale- Two 40' drop frame van trailers, single axle, JD 1440 plateless no till narrow row corn planter, exc. cond. 215-257-2377. Bucks Co.

Wanted- Grapple fork attach for 145, 146, 148 or 158 JD loader bucket. 717-762-6715. Franklin Co.

For Sale- Liquid Pig manure you haul it's yours. Moses B. Zook, R1, New Holland, Pa. 17557

For Sale- Suffolk ram, 6 yrs old 2 yrs old Suffolk ewe due March. Berks Co. call after 9 p.m. 215-286-9826

For Sale- MF 30 tractor clean \$1495, F700 Ford truck \$1975. 20 ft bed, Holstein breed heifers, \$875. MF 175 diesel new motor, like new, \$4900, NI206 spreader, 717-354-0266

For Sale- 1 Hobart electric meat saw, perfect condition, 301-228-2214. Dorchester Co.

MAILBOX MARKET

For Sale- 6 ampules of Hilltop Apollo Ivanhoe Semen, always stored at ABC, Also, 5"11" grain auger. Berks Co. 215-562-4161

Wanted- Shepard cultipacker, state price & cond. N. Heath, Ricketts Mill Road, Elkton, Md. 21921. Cecil Co.

Blower Discharge Hammermill, Ideal dry grinder, 16 hp gas engine, 11 amp blower. 717-872-5297. Lanc. Co.

For Sale- 7 Hol heifers age 4-6 mths., vaccinated, will T.B. test them \$490 ea. Sam K. King, 434 S. Belmont Rd., Ronks, Pa. Lanc. Co.

Wanted- Old wooden wall phones, state make, cond., price 609-825-9442

For Sale- Model 1850 Parker Hump-T-Dumper Dump bed for pickup truck, \$1,500. 215-269-1221 days, 215-269-1327 eves

For Sale- 68 Ford van, rebuilt engine \$900, Farmall BN \$700, w/cult \$800, 53 Chevy pickup, antique tags, \$450. 717-665-6458. Lanc. Co.

For Sale- Great Pyrenees pups, out of working parents, ready to go at Thanksgiving. 717-563-2589

For Sale- Lead head, roofing nails, 50 lbs. 1 3/4 in. \$25, No. 9 & No. 14 galvanized wire, 25 cents per lb. 215-445-6885

For Sale- 12 pr. work, harness, 25 horse collars, 30 hames, all in shape. 717-428-1686

For Sale- IH 706 gas, rebuilt motor, Oliver 74H, 2R mounted corn picker. Will sell together or separate. Lycoming Co. 717-547-1789

Firewood for sale, assorted hardwoods, discount w/quantity. Call after 5 P.M. 215-682-4478. Berks Co.

For Sale- Rem 788 rifle, 243 cal., Redfield 27 scope \$200, Ithaca 900 20 ga. Poly choke \$200 both good condition. Daniel A. Troyer, RD1 Box 85-A, Wyoming, DE 19934

For Sale- JD 44 trail plow 2-16, \$100, JD 8 mower \$100, NH mounted cordwood saw, \$150. Frederick Co. 301-775-2066 after 7 p.m.

For Sale- GE 10 cu ft chest freezer, good cond. \$95, rubber tired wheel farm wagon, 12' body 30" removable corn sides, \$300. 215-495-6662. Mont. Co.

For Sale- Used 1000 gal, 7 gauge underground fuel tank, good cond. \$150. 4 bale binder twine, \$100. York Co. 717-432-5686

For Sale- Set of new stainless steel cookware. Will sell at wholesale price. Sch. Co. 717-668-2078

Tobacco press for sale, good cond., make offer. 717-626-8257. Lanc. Co.

For Sale- 2 Angus first calf heifers, 2-4 mo old Angus & Hereford steer calves. Bradford Co. 717-673-3559

For Sale- Tractor farmall 560D, with or without IH loader & wide snow bucket. 301-357-8698 before 7:30 a.m.

Trailer, 40 ft., 1966 Trailmobile flat bed w/sliding tandem, \$2,000, needs floor. 301-482-2151 after 7 p.m.

For Sale- Oval size braided rug in very good cond., \$75 or best offer. Lanc. Co. 215-445-5807. No Sunday calls please

For Sale- 500 amp Lincoln portable welder, 100' cable included, \$600. JD A, built for tractor, pulls, \$3000. Invested, sell for \$1200.00, Montour Co. 717-672-2021

For Sale- Choice of 2 sleighs, 1 horse bob w/ 2 seats, 1 square back pleasure with springs under body w/ original stenciling, \$150 ea. Leb. Co. 717-273-2596

MAILBOX MARKET

Wanted- Traveling irrigation system, For Sale- 1800' 4" irrigation pipe, 2 Nelson 100 guns, complete with fittings. Rockingham Co. 703-298-8056

For Sale- Used 16 40 ft Shenandoah Porcelain waterer's. 717-648-4078. Schuylkill Co.

For Sale- 1957 Chevrolet 1/2 ton pickup truck body parts, 215-459-3575

For Sale- A new 6 ton Reed Round feed bin, also NH 67 baler with a Shultz beater mounted, John Esh, RD3 Box 169 Quarryville, Pa. 17566

For Sale- 5 cu yard dump body with cab shield, ex. cond., \$400. Salem Co., NJ. 609-935-5383

For Sale- New Holland 350 grinder mixer, new bearing, \$700. Reuben N. Zimmerman, New Holland, Lanc. Co.

For Sale- Warm Morning heater, model 400A, like new, used very little, \$400. 717-354-9904

For Sale- White rabbits, 3 does bred, \$6 each, 1 doe & 1 buck \$4 each. Ammon M. Nolt, East Earl, RD2, Witmer Rd., Pa. 17519

For Sale- Fox Terrier puppies, Bennie E. Kauffman, 252 A Bell Rd., Christiana #1 Pa. sign at end of lane

For Sale- Eleven feeder pigs weight up to 45 lbs., 717-865-9686

Wanted- A 200 to 300 gal SS milk tank, For Sale- model 70 JD diesel transmission gears, in excellent cond., John M. Hostetler, Reedsville, Pa. 17084 Box 123, RD1

For Sale- 1971 Chev Truck, w/lime sower, 33,000 GVW. 717-624-8124. Adams Co., Pa.

Wanted- Small child's violin, For Sale- 2 female white Chinese geese, \$8 ea. Chester Co. 215-388-6383

For Sale- 18 Agway inverted V's, used Starline water bowls, litter carrier track, Chester County, 215-286-9467

Wanted- Used Hesston 3 pt full mounted stack mover, Also Surge pipeline, milk meter, 717-653-4470. Lanc. Co.

For Sale- One Belgian filly, born June 11, 1980, \$1000. Samuel K. Zook, RD1 Box 231 Paradise, Pa.

For Sale- Canaries, Singers & hens, supplies, John Ebersol, Nine Points, Pa. 17561. Lanc. Co.

For Sale- Shenandoah airtight wood/coal stove, never used, \$489 plus tax. Asking \$400. Also new cast box, wood stove, \$65. York Co. 717-927-9327

Wanted- Manure loader to fit Farmall M Tractor with hydraulic bucket, Lanc. Co. 717-354-8370

For Sale- Service age bull, Betty Chief Son, Dam out of Gay Ideal, 215-286-9055. Berks Co.

For Sale- Gorman Rupp trash pump, 4 in. with Wisconsin motor, two suction hoses \$400. 4 in. 16 ft grain auger, with 5 ft ex. never used, \$125. 717-865-4931

For Sale- 5 75 KW DC 125 volt Generator 1400 RPM \$100. 275 gal flat fuel tank, used one year, \$85. 215-445-4090

For Sale- Seymore two row egg washer eggomatic grader with take-away table, asking \$500. 201-735-5471

For Sale- 2 Wethered goats, \$60 each or best offer, 2 Lid coal stove \$15. Dauphin Co. 717-533-7677, or 717-838-4875

For Sale- Behlen steel building 25 ft x 31 ft 5", new, never erected, includes 2 windows & walkin door plus large door opening. 717-867-1111. After 6 p.m. Leb. Co.

MAILBOX MARKET

For Sale- 15 Limosin Hereford crossbred steers, 500-600 lbs., preconditioned. Brown's Ranch, Gettysburg, Pa., Adams Co. 717-334-7524 after 5 P.M.

For Sale- JD plow coulters & posts. Brothers 8' wide snowblower with Wisconsin V4 engine-clutch equipped-you assemble \$900. York Co. Evenings 717-292-4245

For Sale- JD 416 potato planter (many extra parts) \$3500 with Gandys & fertilizer auger, \$2500 plain. Schuylkill Co. 717-682-3709/717-682-9304

For Sale- Reg. Polled Hereford Breeding stock, TB & Blood tested, Lepto Vac., APHA guidelines breeder, Wil-Stock Farm, 717-928-8739

For Sale- 66 pull type combine, 717 NH field chopper, Firewood, 640 Nordicki Skidoo snowmobile, \$250. Melvin Moyer, RD1 Perkasie, PA

For Sale- 1 Registered and 1 Grade Heifer, due in Dec. Isaac L. Fisher, 808 N. Soudersburg Rd., Gordonville, Pa. 17529. For Sale- Crawler loaders, JD 440-\$4500, and HD 6 \$6000. Both excel, 9 ton tilt trailer, \$2500. Mercer Co. 609-585-4356

MAILBOX MARKET

Wanted- Front mtd snow plow w/front pump & all mounting, brackets to fit Ford 661. Must be in good condition. 717-385-0723 after 5 p.m. Sch. Co.

Wanted- 20 gauge, Model 12 Winchester gun. York Co. 717-993-2848

Wanted- Late model 510 M.F. combine with or without 44 corn head. Must have cab and air, motor not important. Reasonably priced. Frederick Co. 301-293-2577

Wanted to Buy- Model E906 Philco refrigerator, doesn't need to work, just need handle. Call after 4 717-933-4552. Berks Co.

For Sale- 3 Timber Eze stove below cost plus tax. Selling out because of illness. 717-264-7792

For Sale- 1953 Chev stake body dual wheel truck, 38" sides, 75,000 miles inspected through April 81. 717-896-8260. Dauphin Co.

For Sale- Scottish Highland Bull, Cow, Charolais x Scottish Highland heifer. Northumberland Co. 717-286-7952

For Sale- 3 point buck saw & pulley for Ford 8N tractor, 717-733-4973



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Mr. and Mrs. Leroy Zimmerman and their daughter Monica pose by the farm sign at the entrance to their East Earl turkey farm where over 135,000 birds are processed annually.

What would Thanksgiving be without turkeys?

BY SALLY BAIR
Staff Correspondent

As you read this you probably are still eating those delicious leftovers from your Thanksgiving turkey, a tradition which survives from colonial days when the big brown birds were available in the wild as a good source of protein in the diet.

The bird you just ate, however, bears little resemblance to its colonial forebearers. For one thing, those beautiful brown birds with multi-colored feathers are a rarity these days because most commercial turkeys are white. Other improvements in breeding over the years mean that you are eating a much-improved, tastier bird than those colonial beauties.

Leroy M. Zimmerman, East Earl R2, has been in the turkey business for 24 years, and presently grows about 135,000 birds annually. He says that while 99 percent of today's turkeys are white-feathered, the meat is the same inside. He is also quick to point out the improvements in the modern turkey.

A modern turkey has a widened breast which means more of that delicious white meat. Furthermore, it has shorter legs and is generally a plumper, meatier bird than a wild turkey. Zimmerman said, "Wild turkeys have longer legs and a wider wing spread - they are a leaner-looking bird. A modern turkey can't fly. They are not designed to fly anymore, because of their frame. They are more stocky. They can sail, but they can't fly."

Thanksgiving is a time when everyone thinks of serving turkey, but Zimmerman and other producers would like consumers to think turkey more often when they plan family meals. Zimmerman said, "Turkey is a good buy. If you make adjustments for inflation, turkey has not gone up as fast in price as other meats." He noted that consumption is 12 percent greater this year than last, with producers growing only seven percent more.

Consumption is slowly increasing, reaching an average of eight pounds per capita in 1978 and 10 pounds in 1979. He attributes the slight gain to the fact that the price has remained steady.

Turkey is a good buy, according to Zimmerman, because "efficiency is so much better in poultry than in cattle." He pointed out that it takes 26 pounds of grain to convert to one pound of meat in turkey, and approximately 14 pounds of grain for one pound of meat in a

steer. Furthermore, he noted, the yield on a turkey is 82 percent, which is fairly good compared to cattle."

Zimmerman noted that nutritionists are recognizing and promoting poultry as a good source of protein and as a good diet food.

For Thanksgiving you probably purchased a whole turkey to serve with a traditional dinner. However, Zimmerman says that the fastest growing segment of the turkey industry is parts "which are making a 14 percent gain every year."

Plain, whole turkeys now account for just 18 percent of the market compared with 1975 when they represented 34 percent of the market. "Value added" whole turkeys, such as pre-basted turkeys, account for 24 percent of the current market.

Turkey rolls and other processed turkey products are growing at a rate of nine percent annually, and processed turkey meat now accounts for 35 percent of the market, Zimmerman notes.

Thanksgiving, a time of traditionally high turkey usage, is also the time when fresh turkeys are most readily available, and people are willing to pay a premium for fresh turkeys. The price is highest when they are sold fresh because of the limited processing and marketing time.

Zimmerman recalls that when he first started in the business, turkeys were produced only for Thanksgiving. "If we had any left over we sold them at Christmas. Then we couldn't sell any more and the price was very depressed. We might end up with several hundred that we couldn't sell."

Zimmerman said, "We began growing turkeys for Easter, but this was very limited."

One of the limiting factors in turkey growing was the fact that commercial processing of turkeys was done in the same plants which processed chickens. This was unsatisfactory for many reasons, and was very inefficient. Eventually, Zimmerman and four other growers began operating a plant just for processing frozen turkeys. They quickly found they couldn't afford to run the plant just four months of the year. Zimmerman said, "We all produced as many as we could and we bought some besides." Now the plant operates year round.

Zimmerman noted that up until a few years ago the majority of birds were grown on the range, but this limited the growing season and allowed just one flock per year. He said, "A lot of turkeys are still grown on the range, but not many in Pennsylvania because of the high land value."

Now turkey growing is a highly automated precision business and Zimmerman is a progressive and innovative producer. Zimmerman grows his birds from poults which he gets at one day of age in lots at six weeks intervals. Females are raised to 13½ pounds live weight, and males, which are larger framed, to 23 pounds. They are raised on the same basic diet with the exception that females are put on finishing feed earlier because they mature approximately two weeks earlier than males.

Modern turkeys are raised in a partially controlled environment with fans and light for their first eight weeks, then moved to finishing houses.

Zimmerman grows his in three stages in a "three-stage house" about which he says, "It seems to be the trend right now. They start in close confinement for the first four weeks, and then in the second stage they are moved to an area with a little more room." The finishing houses are the last stage and these houses have open sides, equipped with curtains which can be used as protection against bitter winters.

The advantage of raising them this way, according to Zimmerman, is that it offers a savings in fuel when the houses are well-insulated. In the early stages of confinement the houses have a 95-degree temperature, but it can be lowered later when the birds are not so closely confined. His most modern houses are also designed to move the birds from one stage to the next, all under one roof.

(Turn to Page C4)

Homestead Notes



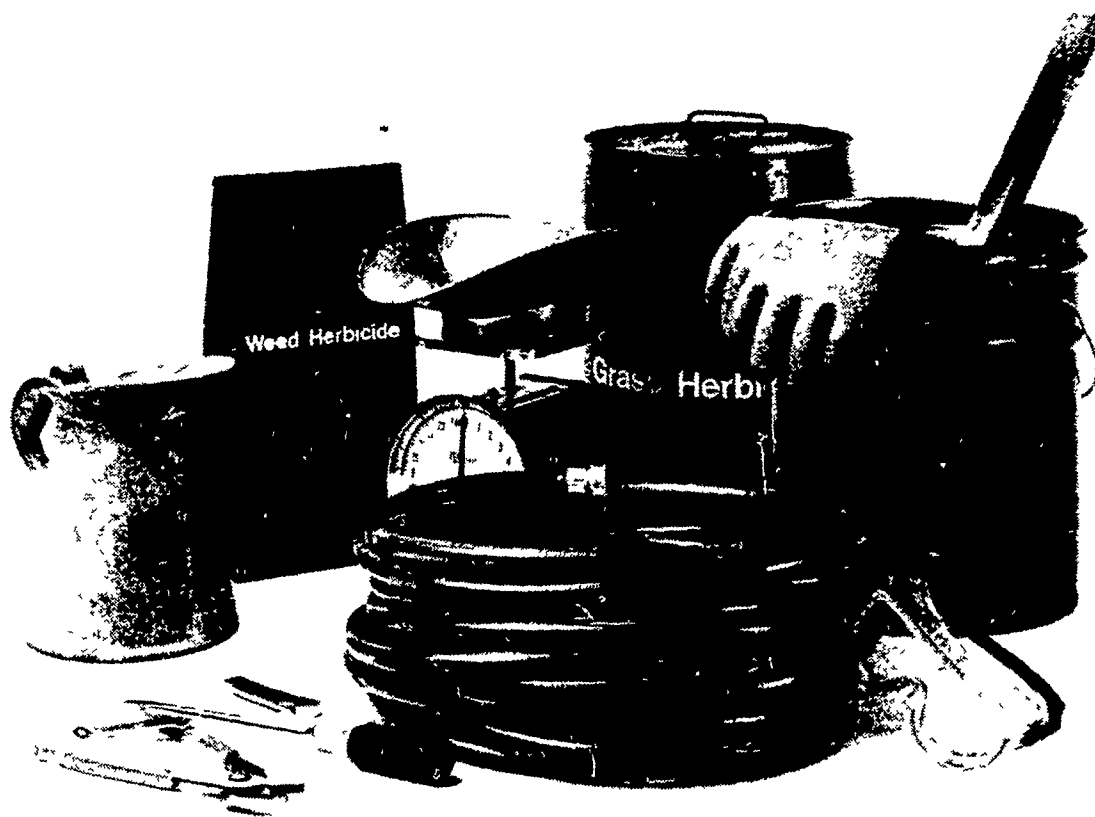
Monica Zimmerman, 16, holds one of the nearly grown female turkeys on her father's turkey farm near East Earl. This one didn't make it for Thanksgiving dinner, but will make an economical meal at some other time.



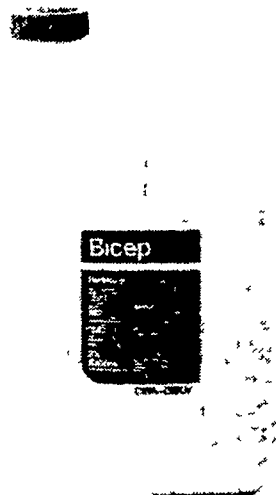
Leroy Zimmerman reads over some literature on the turkey industry as he sits in his office at his farm home in East Earl. Zimmerman raises over 135,000 turkeys annually.

These female turkeys missed the processing time for Thanksgiving, but are nearing the weight at which they will be sent for processing into frozen turkeys.





Why be troubled with a tank mix?



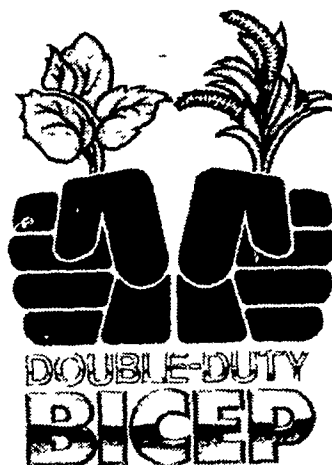
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Homestead Notes

(Continued from Page C2)

The Zimmermans use propane gas as their fuel source, and he says, "We use a lot of energy."

The birds are housed in about 15 buildings, with the newest buildings insulated as they are built. Three people work in the operation, and some part-time help is hired in the summer and at loading time.

All Zimmerman's turkeys are processed into Swift's Butterball turkeys at the processing plant at Birdsboro, near Reading, the original plant operated by Zimmerman and four other producers.

Zimmerman began in the poultry industry with laying hens and added about 500 turkeys one year for the fresh market. He said, "I was fascinated by turkeys so we slowly changed over to them. They are relatively easy to take care of if the conditions are right. Things can be difficult if they're unhappy or if their health isn't good."

He pointed out that turkeys are not susceptible to disease as some poultry, but added, "We keep people out of the pens."

His affection for the big white birds comes out when he says that occasionally people want to purchase a live turkey just to have around a farm. He says, "Turkeys are rather noisy if they are tame. They are not afraid of people. They hang around buildings and act as a watchdog."

Zimmerman has been active in supporting this industry and is presently serving as chairman of the Pennsylvania Turkey Council which is part of the Poultry Federation. He is a member of the former Neppco, and has served on its Board of Directors. In 1978 he was named Turkey Industryman of the Year for his achievements and contributions.

Zimmerman is optimistic about the future of the poultry industry, saying, "There is quite a future in the poultry industry, especially if the price of grain goes up. With some promotion I think the turkey industry has a good future."

This year experts had predicted a rather grim year for growers, and, although it started out poorly, Zimmerman said it hasn't turned out all that bad. In the south chickens and turkeys were lost in the heat and in some egg-producing operations fertility dropped off. Locally,



Leroy Zimmerman checks the feed in an automatic feeder in his finishing house at East Earl. Zimmerman grows out 135,000 birds annually to provide a year-round market of frozen birds.

though, Zimmerman says they only lost a few birds and the weight gain was not quite up to normal.

Pennsylvania ranks eleventh in turkey raising, with 5,300,000 birds grown annually. Zimmerman points out that Minnesota and California are large turkey-producing states with North Carolina recently becoming another important state in the industry. He said both the climate and the lower cost per land helped the turkey industry grow rapidly in North Carolina, where he buys his poults. Zimmerman notes, "We are a deficit area. There's a lot of turkeys coming into Pennsylvania."

Zimmerman farms about 83 acres and grows some grain, but not nearly enough for his entire operation.

Along with other producers, Zimmerman is happy to

have all those Thanksgiving turkeys consumed, but he would like to have families consider the regal turkey as a possibility for year-round nutritious, economical and delicious meals.



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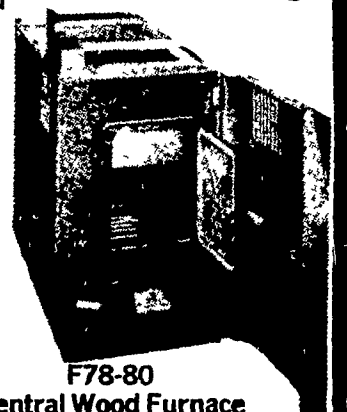
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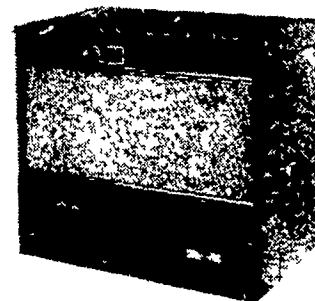


AFI-36
Fireplace Insert

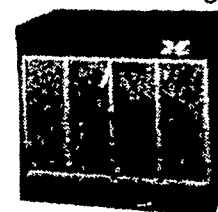


F78-80
Central Wood Furnace
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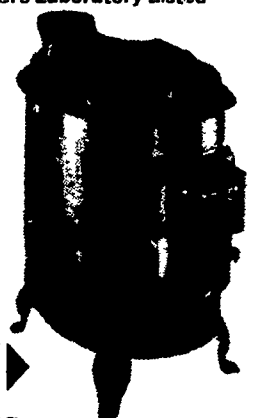
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Ida's Notebook

Ida Risser



Our home is inundated with papers. We have a flood of over a dozen magazines arriving each month and five newspapers. These periodicals are all farm related except for one magazine from our church.

Finding time to read them is a real challenge. Many of them look brand new when I finally take time to sort them and discard the outdated ones. One often wishes there was someone to give them to that would appreciate them.

Recently, the mailman has been putting many letters, brochures and catalogues from colleges all over the country into our mailbox. Ever since Cindy was notified of her place in the National Merit Scholarship competition, they've been arriving thick and fast. Many of them are glossy booklets extolling the virtues of a particular college or university. I'm sorry to say that some of them go

unopened as they are simply too distant from Lancaster, Pa.

We have learned from experience that the travel between home and college is important. When a child is out of state then you can expect to only see them on holidays and semester breaks, if then. Even our son at Penn State threatens to buy a motorcycle so he will have wheels to come home weekends and help on the farm.

When we visited a college in Delaware last week, we were given an extensive tour of the beautiful campus. It was interesting to hear some of the questions that new parents of college-age children asked and to see them crowd into a dormitory room to inspect it.

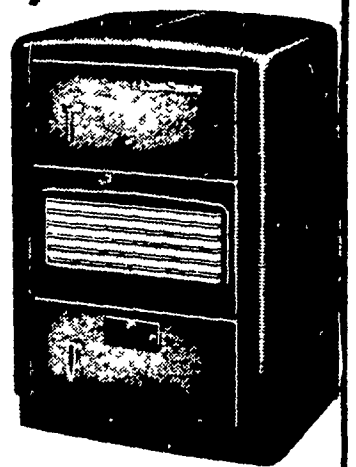
As Cindy is the sixth child we are sending away to college, we feel like we've already been "through the mill."

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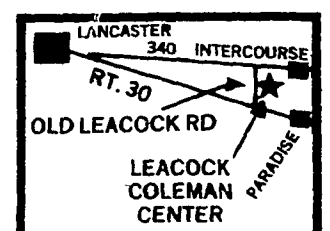


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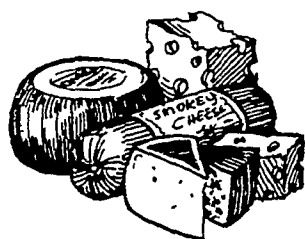
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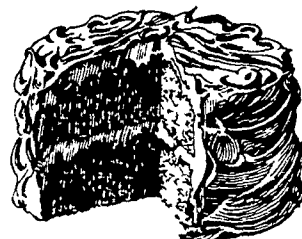


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Home On The Range



Rabbit: A European Delicacy, An American Delight

For centuries, rabbit has been a coveted part of the diet of epicures and gourmets of Europe and Asia. Europeans consider rabbit a popular menu item and a delicious dish to serve guests.

In America, the feelings differ. Although rabbit could not be considered a favorite meal here, its popularity is slowly rising. This could be due to the fact that more people are realizing that there is no chicken recipe that could not be put to good use with rabbit as a substitute. Rabbit is also one of the least expensive meats.

Rabbit, at only 795 calories per pound, provides more protein per pound than chicken, beef and pork. The nutritious rabbit has had quite an interesting history too.

Three thousand years ago in Asia, rabbit was first considered for food and has been marketed in Europe for 1,000 years. There are over 50 breeds of rabbits, seven of which originated in the United States.

Today, over 31,000,000 pounds of rabbit meat is produced in the United States every year.

But meat is not all a rabbit provides. The wool of a rabbit has been branded as warmer and lighter than that of any other animal. Only 7 to 8 percent of the domestic rabbit is bone. And if you're superstitious, you can even find a good use for the rabbits' feet!

But if all you want to do is enjoy a tasty rabbit dish, try some recipes listed here and see why the Europeans consider it a delicacy.

RABBIT SAUTED WITH TOMATOES & MUSHROOMS

- 1 rabbit, 2 to 2½ pounds, cut into serving pieces with liver reserved (see below for instructions)
- 3 tablespoons butter
- Salt and freshly ground pepper to taste
- ½ pound fresh mushrooms, thinly sliced, about 3 cups
- ½ cup finely chopped onions
- 2 tablespoons finely chopped shallots
- 1 teaspoon dried tarragon
- 3 tablespoons flour
- 1 cup dry white wine
- 1 cup canned or fresh tomatoes, chopped with their liquid
- 1 cup fresh or canned chicken broth
- ½ cup water
- 1 bay leaf
- 10 sprigs fresh parsley
- ½ teaspoon dried thyme
- Finely chopped parsley for garnish



Rabbits are now being raised all over the world at a profit for meat, pelts and wool. Because 93% of a rabbit can be used in this way, it has become a

favorite dish on the American table as well as a traditional meal for Europeans.

If the rabbit is frozen, let it defrost overnight in the refrigerator. Heat the butter in a large, heavy skillet and add the rabbit pieces, including the liver. Be sure to trim off and discard any dark or black spots on the liver as they impart a bitter flavor.

Sprinkle the rabbit pieces with salt and pepper to taste and cook until golden brown on one side. Turn the pieces and cook until golden brown on the other side. Remove the liver and set aside.

Scatter the mushrooms over all. Cook over moderate heat, stirring the ingredients so that they cook evenly, about 10 minutes.

Add the onions and shallots and stir. Add the tarragon. Sprinkle with flour and stir so that the pieces of rabbit are coated with flour. Add the wine and tomatoes; stir to blend well.

Add the chicken broth and water and stir. Tie the bay leaf, parsley sprigs and thyme into a cheesecloth bundle with string. Add it. Add more pepper to taste. Cook about five minutes.

Cover and cook over low heat about 25 minutes. Add the liver, cover and cook five minutes longer. Remove herb bundle. Sprinkle with the chopped parsley and serve. Makes 4 to 6 servings.

HASENPFEFFER RABBIT

- 8 or 10 pieces of dressed rabbit
- ¼ cup fat
- 1 teaspoon salt
- ¼ teaspoon pepper
- ½ teaspoon allspice or cloves
- 1 medium-sized sliced onion
- 2 heads garlic
- 2 bay leaves
- ½ cup vinegar
- 1 can tomato puree

Roll pieces of meat in flour and sprinkle with salt and pepper. Fry until golden brown. Place in a baking pan or casserole and add sliced onion, seasoning, vinegar, and tomato puree. Let simmer or bake at 350° for 1 to 1½ hrs. Serves 8 to 10.

Miss Eleanor Burkholder
Kutztown, Pa. 19530

HOW TO CUT UP A FRESH RABBIT FOR COOKING

Cut off the hind legs and separate the thighs from the legs. Set aside. Cut off each foreleg and leave them intact. Cut the saddle crosswise into three pieces. Crack the breast lengthwise down the backbone. Cut each breast piece in half crosswise. There will thus far be four breast pieces. If the rabbit's head is used, crack it partly from the top. Set the liver aside.

BASQUE RABBIT

- 1 rabbit, cut up
- 1 can large, pitted black olives
- ½ cup chopped green onions
- ⅓ cup lemon juice
- ½ cup olive oil
- garlic salt
- paprika
- pepper to taste

Serve over:

Rice made with 1 can tomato sauce in the cooking water. Keep it moist, do not over-dry it.

Marinate rabbit for at least one hour in a blend of the lemon juice, olive oil, garlic salt and paprika and onions. Bake the meat for one hour, in a covered dish, in a moderate oven (325°). Arrange the rabbit over the cooked rice, in a casserole. Garnish with the olives, pour over any of the liquid in the pan the rabbit was baked in—sprinkle on more garlic salt and paprika, and pepper to taste. Bake for ten minutes or so in a very hot oven—until slightly browned. (Or broil under a grill until browned.) Serve with a large tossed salad made with marinated artichoke hearts, along with some heated French bread sticks—for a gala event.

Mrs. Tammy DeJesus, Lititz

RABBIT TERIYAKI

- 2 rabbits, cut up
- Marinate of:
- 1 cup soy sauce
- ½ cup honey
- ¼ cup fine oil (peanut, sunflower, etc.)
- 1 teaspoon finely minced fresh ginger
- 1 clove minced garlic

Allow rabbit to remain in marinade for at least 4 hours at room temperature. Barbecue over charcoal; about 40 minutes cooking time is necessary to cook the rabbit through. Attend to the time carefully, basting with remaining marinade as needed, so the meat does not dry out. Your attention will be well rewarded! This is a fantastic entree, especially when served with rice, a green vegetables of the season, and Blossom Salad.

- Blossom Salad:**
- 1 small can mandarin oranges (drained)
- 1 small can pineapple chunks (or, preferably, fresh pineapple)
- ¼ cup chopped celery
- 2 medium bananas—sliced into circles

Combine the above and place onto lettuce or alfalfa sprout "nests"—drizzle over a blend of 2 tablespoons lemon juice, 1 tablespoon honey and ¼ cup coconut.

Mrs. Ellen Wolfe, Schaefferstown
(Turn to Page C14)

Cook's Question Corner



QUESTION - I am looking for a recipe to make water crackers or oyster crackers.

Mrs. Raymond D. Snyder, 291 Leidy Road, Souderton, PA 18964

ANSWERS: This week we have answers to Iva Mae Love's request for peanut butter pie and Mrs. William Lindmeir's request for Shoo-Fly Cake. Look for them at the end of the rabbit recipes.

Please send any questions on cooking or the home to the Cook's Question Corner, Lancaster Farming, P.O. Box 366, Lititz, PA 17543.

Recipe Topics

November

29

Rabbit - A European Delicacy, An American Delight

December

6

Christmas Cookie Time

13

Christmas Candy and other sweet favorites
Traditional Christmas delights

20

New Year's Day
Sauerkraut and Other traditional foods

27

Super Shoes After Thanksgiving Sale

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To all Farm Women Societies. Lancaster Farming would like to request that you send in your 1981 yearbooks as soon as possible so we can continue coverage of your scheduled events in the farm women calendar

Lancaster Co. Society 2

Lancaster Farm Women 2 held their November meeting at the home of Luella Low with Grace Hahn acting as co-hostess

One guest, Dorothy Gible Waltermeyer, was present.

The meeting was conducted by vice president Mae Hosler. Ladies responded to roll call by answering the question, "Why do I attend farm women meetings?"

Guest speaker was Mrs. Leahman who presented two readings "Deacon Brown," and "The Old Man in the Stylish Church."

Society 2 received the second prize for attendance at the Lancaster County Farm Women Convention

Members voted to present gifts to guests at the Harrisburg State Hospital

Holiday gifts of fruit baskets will be distributed by members of Society 2

New member Mabel Hackart was installed by Esther Petticofer. Incoming officers were installed by Betty Geib. They are president, Mae Hosler;

vice president, Luella Low, recording secretary, Edna Loose.

Ladies will have a gift exchange at the December meeting which will be in the form of a covered dish social. It will be held at the home of Edna Loose of Penryn

Lancaster Co. Society 6

Lancaster Farm Women 6 met at the home of Mrs. Earl Hoffman, Oley. Nineteen members attended and answered to the roll call, "What are the nicest things you remember about Christmas as a youngster?"

A variety of holiday foods were brought to the meeting by the members.

Mrs. Robert Noll, Oley, RI, was installed into the group as a new member. She volunteered to take the groups Christmas gifts to the Hamburg Center

A number of fruit baskets will be made at the home of Mrs. Sally Hausman on Thursday, December 18, starting at 6 p.m. Poinsettias also will be given to shut-ins in the community.

The members will be serving at the refreshment stand at Oley on Friday evening, November 28

A Christmas party will be held at the Village Diner in Douglassville for members and their husbands or a guest, December 5 at 7.30 p.m.

Lancaster Co. Society 14

Farm Women 14 met at the home of Nara Wenger, November 18. Twelve members were present.

Members are to bring paper products and tooth paste and brushes to the January meeting for "Women in Crisis"

Society 14 gathered 23 articles of food and ham for a needy family for Thanksgiving.

Christmas family night will be December 16 at Campbelltown United Methodist Church

Mrs. Galebough, a nurse spoke and demonstrated first aid on many things to do before seeing the doctor

Lancaster Co. Society 22

Lancaster Farm Women 22 entertained their husbands at the Refton Fire Hall on November 8 with a turkey supper

Roll call was answered with "How I met my husband" Mrs. Pat Landis led the group in several hilarious games

Mrs. Ann Diller gave a very beautiful and interesting slide show of her trip to Alaska.

The next meeting will be held at the home of Mrs. Harold Zook, 220 Lampeter Road, Lancaster

Lancaster Co. Society 32

Lancaster Farm Women 32 held their November meeting at Witmer's Greenhouses, Lancaster. Fifteen members were present

Following a brief business meeting, members were shown a slide presentation on different types of house plants and proper care of them.

After a question and answer session on how to care for the plants, members

were served refreshments by Anna Shirk and Linda Umbrell. A tour of the green house ended the evening.

A Christmas banquet will be held December 15 at 7 p.m. at the Mastersonville Fire Hall.

Lancaster Co. Society 20

Lancaster Farm women 20 met at the home of Arabelle Heilman with fifteen members present.

Three members were installed as follows: Audrey Mull, Beatrice Mull and Lorraine Shirey.

Installation of new officers

for the county board will be December 3

The next meeting will be held at the home of Linda Himmelberger. Each member is asked to bring a two dollar gift, twenty one cookies and a receipt.



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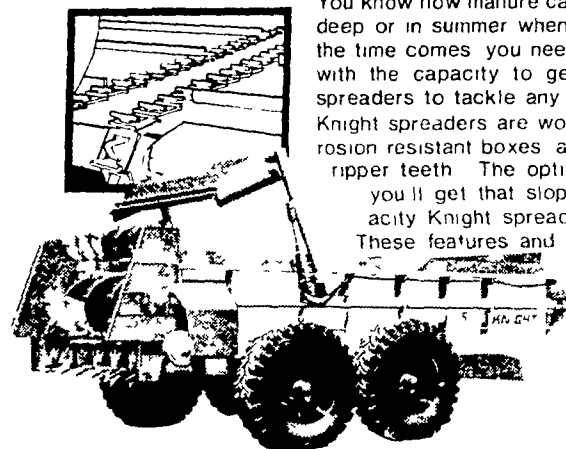
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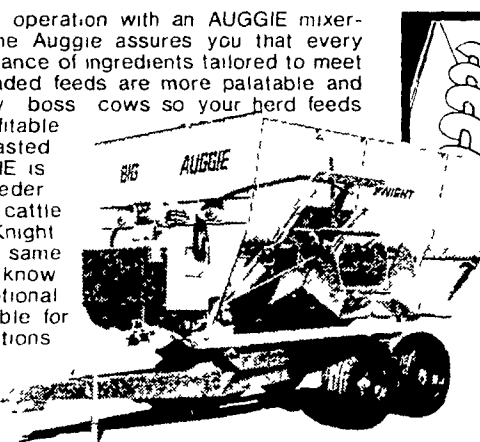
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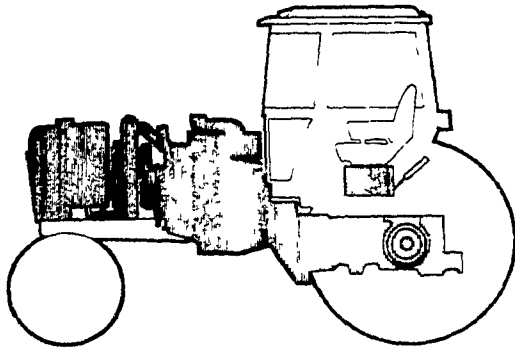


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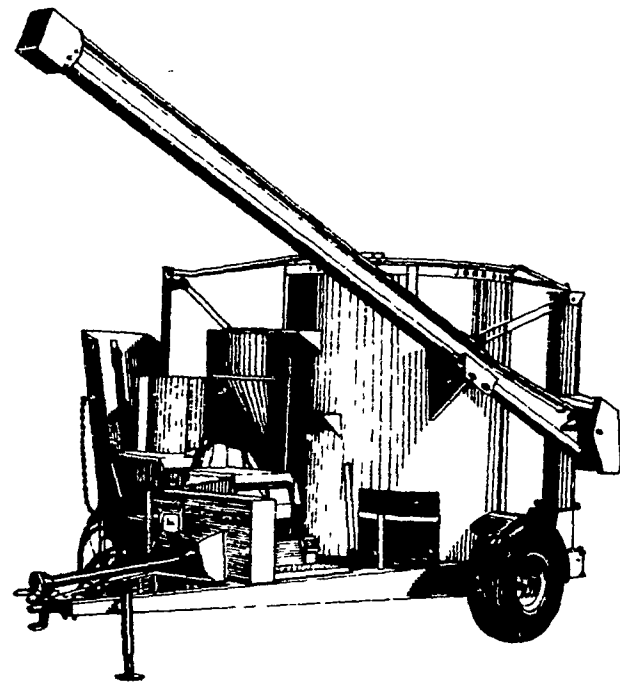
More strength throughout from more iron within

The drawing above gives you a good idea of where John Deere engineers concentrated their efforts when this whole line of tractors was redesigned. As you can see, practically everything but the paint was beefed up in the revision.

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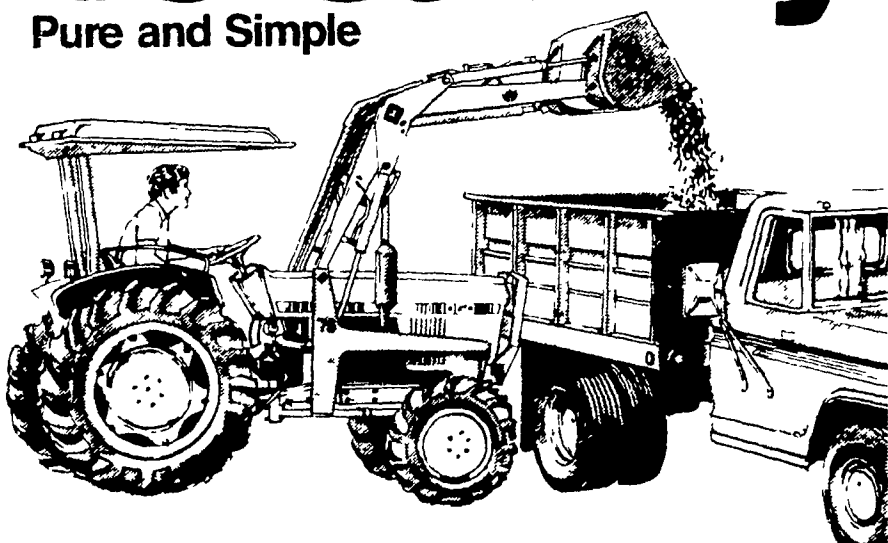
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*Maximum PTO horsepower at 2600 engine rpm for the 850 2400 engine rpm for the 950 and 1050 by official test



Lancaster Co. Society 25

Farm women 25 met at the home of Elma Hess, New Danville.

Members answered roll call by saying their favorite flower.

The program was flower arrangements by Randall Snyder, New Danville.

The next meeting will be held December 13 at 6:30 p.m. at the home of Vera Nauman, New Danville. The husbands are invited for a covered dish supper.

Berks Co. Society 1

Berks Farm Women 1 met at the home of Mr. and Mrs. Gorden Yorgey.

Nineteen members were given a tour of the large egg grading room and the two big chicken houses. Mr. Yorgey showed the members how the eggs are candled, graded and packed for various stores they supply.

After the tour the meeting was held in the Yorgey home.

The sunshine committee accepted names for recipients of planters and fruit baskets during the holiday season.

Grace Schaeffer's doily was selected to be entered in the State crocheting contest held January 12 to 13 in Harrisburg.

Ruth Walter and Lillian Hetrick bought and delivered Christmas gifts for the patients at the Hamburg Center.

Newly elected president, Pauline Hartmen, appointed the following committees: candy, Ruth Walters, Joan Haas, Marion Haas, Ella

Richard and Martha Levan; sunshine, Ann Yanos and Agnes Noll; welfare, Betty Wegman and Naomi Howard; program, Fern Yorgey, Ellen Snyder, Esther Berndt, Donna Haas and Donna Hetrick; sale, Patsy Moyer, Dorothea Boch, Catherine Yanos, Lillian Hetrick and Grace Schaeffer.

The next meeting will be a Christmas party on December 3 at the Old State Barn, Oley. Social hour is 6:30 to 7 p.m. and dinner at 7 catered by Wegmans of Douglassville.

Berks Co. Society 9

Berks Farm Women 9 met at the home of Mrs. Ruth Hafer, Weavertown.

Committees for the next term are:

Program: Kim Casner, Jeanne Casner, Helen Oxenford, chairman Joan Hafer; Ways and Means chairman Ruth Hafer, Nancy Lehmann, Winnie Hayik, Sue Hendricks; Birthday, Nancy Gross; Sunshine, Grace Spohn; Scrapbook: Karen Schreier.

The group's Christmas party will be held at Schaeffer's Restaurant in Boyertown, gathering at Nancy Gross' home afterward.



Saturday, November 29
Lancaster Co. Society 5 meets at the Holly Trail for a luncheon.

Tuesday, December 2
Lancaster Co. Society 27 meets at the home of Barbara Brubaker for Christmas caroling.

Thursday, December 4
Lancaster Co. Society 15 meets at the Rhoads Rest at 6:30 p.m. for a Christmas party.

Saturday, December 6
Lancaster Co. Society 9 holds their Christmas Party.

Lancaster Co. Society 6 holds a covered dish Christmas party at the Church of the Brethren at noon.

Lancaster Co. Society 12 meets at the Lions Community Building in Millersville at 6:30.

Lancaster Co. Society 17 meets at the Chestnut Level Church House for a covered dish supper at 6:30 p.m.

Lancaster Co. Society 10 meets at the home of Annette Habecker for a Christmas party.

PLAY IT
SAFE DON'T PLAY
WITH FIRE!

State meat packer charged with violations

HOLLIDAYSBURG — Louis Kline, Inc., a meat packing firm in Hollidaysburg, has been charged by the U.S. Department of Agriculture with violating bonding requirements of the Packers and Stockyards Act.

The firm buys livestock for slaughter in eastern, central and western Pennsylvania.

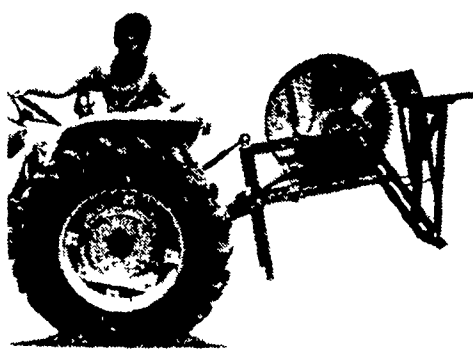
In an administrative complaint, USDA charges Louis Kline, Inc., with failing to maintain a reasonable bond to secure

the performance of its packer obligations. The firm was previously notified that it would be in violation of the P&S Act if it did not acquire a bond.

James L. Smith, P&S official, said the firm has the right to a hearing. Smith noted that the firm would be placed under a cease and desist order if the charges in the complaint are proved.

The P&S Act is a fair trade practices law administered by USDA's Agricultural Marketing Service.

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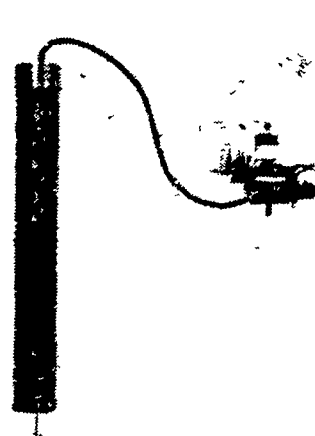
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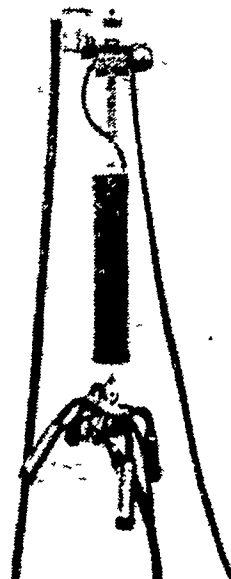
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Ladies Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist



PROPER HANDLING OF TURKEY

Assuming you have already purchased a frozen turkey for Thursday's big Thanksgiving meal or at least you know what kind and size you are going to

buy, the first step in preparing the turkey for cooking is to thaw it. The safest way to thaw a turkey is in the refrigerator. It may take two to four days depending on the size of your bird. Many people complain about the length of time it

takes by this method and the amount of room it takes up the refrigerator.

Here is a quick method for thawing frozen turkey safely at room temperature that was investigated by the U.S. Department of Agriculture and the turkey industry. First, find two paper bags — the type you bring home from the grocery store. Place one bag inside the other. Leave the frozen turkey in its original wrap, put it inside the double-layer of bags, then close the end of the bags completely. It is important to keep the paper bags closed. This holds a cool layer of insulated air inside which keeps the surface of the turkey at relatively low temperatures while the inside parts thaw. The thawing time for an

eight to 12 pound turkey should be about 12 hours, larger birds about 16 hours.

Once the turkey has thawed, handle it like fresh turkey. Do not let it out at room temperature, either refrigerate it or cook it.

Today's better bred and fed turkeys cook faster and at lower temperatures than in the past. Researchers suggest oven temperatures as low as 250 degrees Fahrenheit and no higher than 325 degrees F. for whole, ready-to-cook turkeys. A correctly placed meat thermometer, inserted in the center of the inside high muscle (or the thickest part of the breast), should register about 180-185 degrees Fahrenheit to give juicy meat. To be accurate, the thermometer should not touch bone. There is no substitute for an accurate meat thermometer to assure perfection every time.

Play it safe. Refrigerate meat, gravy, broth and stuffing each in a separate container immediately after the meal. Use all leftovers in two or three days, otherwise freeze them. Use cooked, frozen turkey meat within 30 days. Do not freeze an uncooked stuffed turkey or a roasted stuffed turkey. Home freezers do not freeze such solid forms fast enough to be safe.

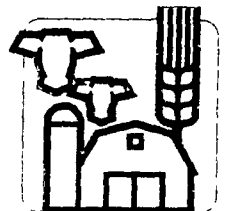
If you have any doubts about the safety of leftover

turkey, stuffing or gravy, remember the food safety slogan of — "If in doubt, throw it out."

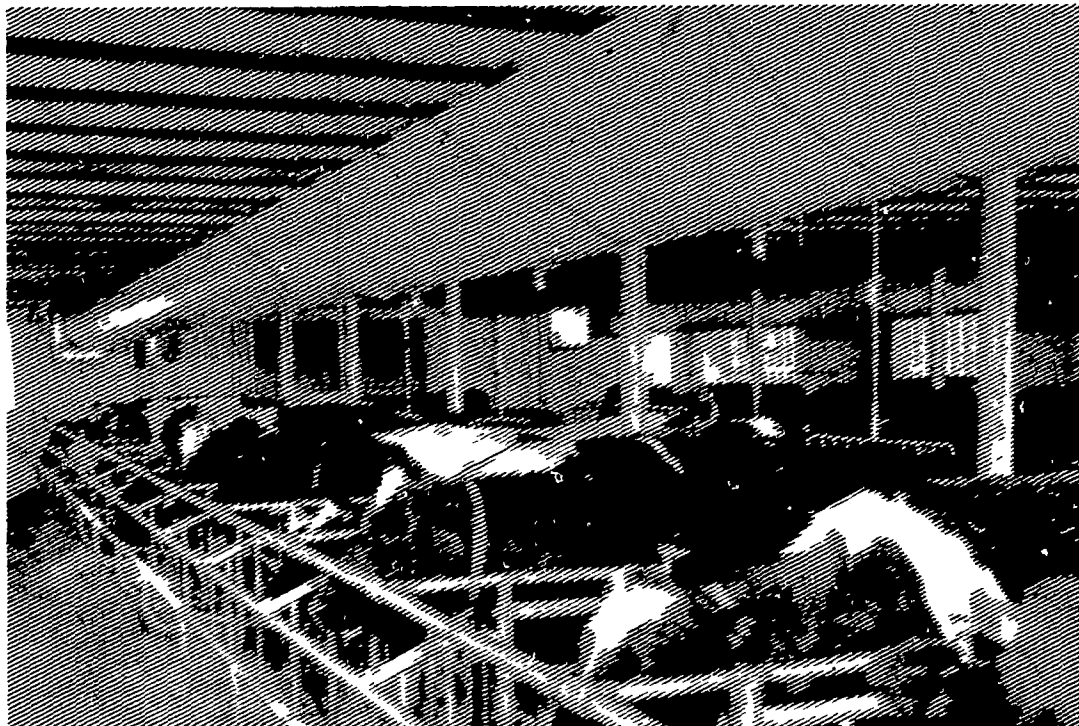
FIRE SAFETY BE PREPARED

One of the highest ranking causes of home fires is still human carelessness. Take a few minutes to think about fire safety around your home. Are your electrical cords worn? In need of repair or replacement? Are those same cords under rugs or tacked to walls? If so, you may be asking fire to visit your home. Fire safety now could prevent a fire tragedy later. Remember, the best way to keep a fire from spreading is not let it start.

In the event of a home fire, do you think you could react to the emergency? Could you operate a fire extinguisher? Would your family remember predetermined escape routes? Would you call the fire department immediately? I urge you to get your family together now to go over these important points before fire strike. Be prepared.



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Junior Cooking Edition

Juniors, now that Thanksgiving is over, everyone is plunging into Christmas: mom and dad are trying to get your Christmas presents ready, stores are decorating with snowmen and elves; grandma is busy baking cookies; and your neighbors are hanging Christmas lights.

You can do your share of the planning and work too. Take down those old Thanksgiving decorations and make new ones. Try snowmen, angels, Santa Claus or sleighs. If you don't want to make them from paper, ask mom if you can paint pictures right on the windows. Poster paint flows on easily and it washes off with water. But watch the curtains when you paint!

Make your own wrapping paper this year. Ask mom for some freezer paper and paint. Make complete pictures or find odd-shaped knickknacks and dip them in paint, then press on the paper to make a unique design.

You may want to help mom by watching your little brother or sister, if you have any, so she can do some Christmas planning. Try drawing a picture of Santa and his elves and let the young ones color them with crayons.

To help make the days go fast until the holidays, here are three recipes for you to try. Make them all in one day and see how fast that day goes. Then start counting down the days till Christmas!

Favorite Pancakes for Breakfast

- 1 egg
- 1 cup buttermilk
- 2 tablespoons shortening or salad oil
- 1 cup whole wheat flour
- 1 tablespoon sugar
- 1/2 teaspoon soda

- 1 teaspoon baking powder
 - 1/2 teaspoon salt
 - Beat egg and remaining ingredients in order of list and beat with rotary beater until smooth.
- Marian Burkholder, Age 11, Lititz

Apple-Raisin Cupcakes for dessert for lunch

- Pour 1 1/4 cup boiling water over 1 cup quick oatmeal and 1 stick margarine
 - Let stand 20 minutes.
 - Add:
 - 1 cup sugar
 - 1 cup brown sugar
 - 1 beaten egg
 - 1 1/3 cup flour
 - 1 teaspoon soda
 - 1 teaspoon cinnamon
 - Stir in 3 apples (peeled and chopped) and 1 cup raisins (lightly floured).
 - Bake in cupcake baking cups at 350 degrees for about 20 minutes.
- Eddie Chapman, Age 4, Benton

Pizza Pie for Dinner

- 1 pkg dry yeast (1 tablespoon)
 - 1 cup warm water
 - 3 cups flour
 - 2 cups tomato sauce
 - 1 teaspoon sugar
 - 1 1/2 teaspoon salt
 - 1/4 cup salad oil
 - 1 pound cheese
- Dissolve yeast in warm water, add sugar, salt, and oil, mix thoroughly. Add 1/2 of the flour and beat until no lumps. Gradually add remaining flour. Knead dough for five minutes. Take half of dough, roll out to a circle 12 inches in diameter. Place greased on cookie sheet, leaving edges little thicker than middle, repeat with other half of dough. Put on second cookie sheet, let rise 20 to 30 minutes. Brush tops with salad oil. Cut cheese in fine pieces and sprinkle over top. Put 2 cups of tomato sauce lightly over the cheese. Bake at 450 degrees for 15 minutes or until edges are brown and cheese is melted. You can also add hamburger over the cheese if you want.



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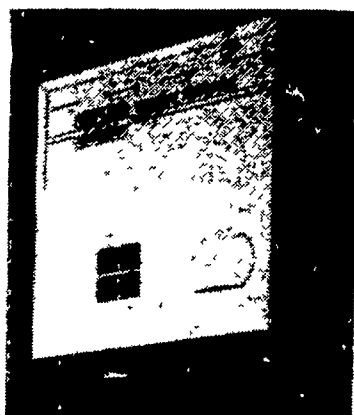
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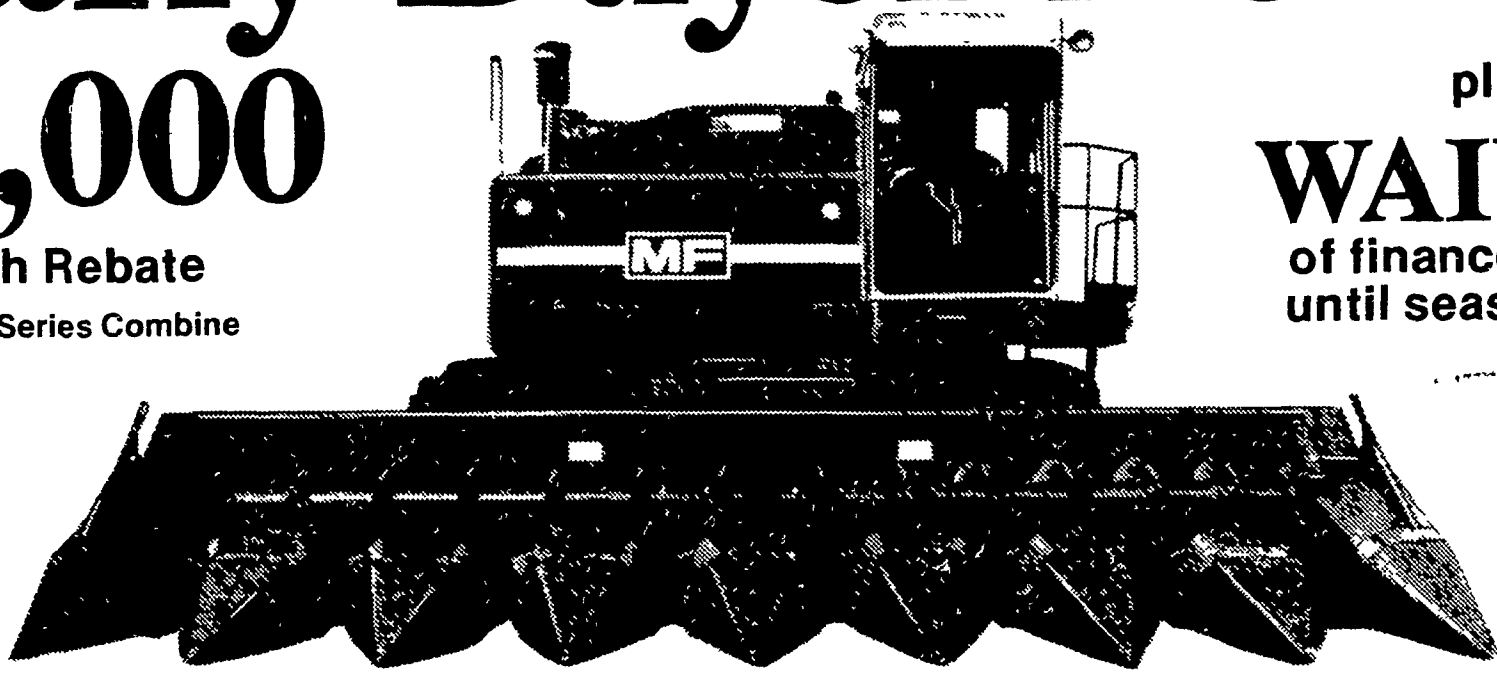
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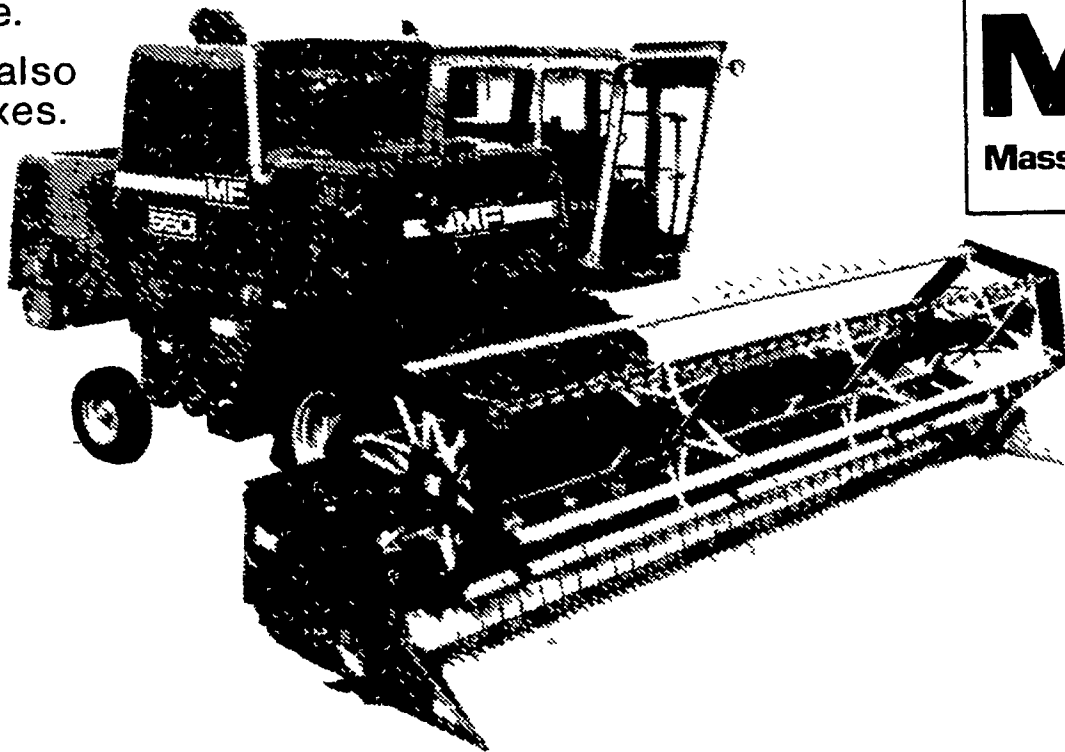
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Home on the Range

(Continued from Page C6)

ROAST RABBIT WITH MUSTARD

- 1 rabbit, 2 to 2½ pounds, cut into serving pieces (see below for instructions)
- 4 tablespoons butter
- Salt and freshly ground pepper to taste
- 2 tablespoons imported mustard such as Dijon or Dusseldorf
- ½ cup plus 2 teaspoons dry white wine
- 2 bay leaves
- ½ teaspoon dried thyme
- ½ cup heavy cream

If the rabbit is frozen, let it defrost overnight in the refrigerator. Preheat the oven to 450 degrees.

Heat the butter in a shallow roasting pan that will hold the rabbit pieces comfortably in one layer. Add the rabbit pieces and turn them in the butter. Sprinkle with salt and pepper to taste. Place the rabbit in the oven and bake five minutes.

Turn the pieces of rabbit and continue baking five minutes. Blend the mustard and two teaspoons of wine.

Brush the rabbit on both sides with the mustard and wine mixture.

Bake five minutes. Turn the rabbit pieces and return to the oven. Add the garlic, bay leaves, thyme and remaining half cup of wine. Cover closely with foil.

Reduce the oven heat to 375 degrees. Continue baking, basting often, about 45 minutes or until tender.

Add the cream and baste the rabbit pieces. Cover with foil and bake 15 minutes longer. Serve with noodles. Makes 4 to 6 servings.

Tara Easterbrook, Manheim

Here is the answer to Iva Mae Love's request for Peanut Butter Pie.

- 1 cup 10x sugar
- ½ cup creamy peanut butter
- 1 baked 9" pie shell
- ½ cup cornstarch
- ¾ cup sugar
- ¼ teaspoon salt

- 2 cups milk
- 3 egg yolks, beaten
- 2 tablespoons butter or margarine
- ¼ teaspoon vanilla
- 3 egg whites

Combine 10x sugar & peanut butter to a coarse meal. Spread half mix in pie shell. Combine remaining ingredients (except egg whites) in saucepan. Cook over

medium heat, stirring constantly. Spoon over peanut butter mix in pie shell. Beat egg whites till stiff. Spread over filling. Sprinkle remaining peanut butter mix or meringue. Bake 325° for 20 minutes.

Mrs. Janet Tyson, Felton

(Turn to Page C15)



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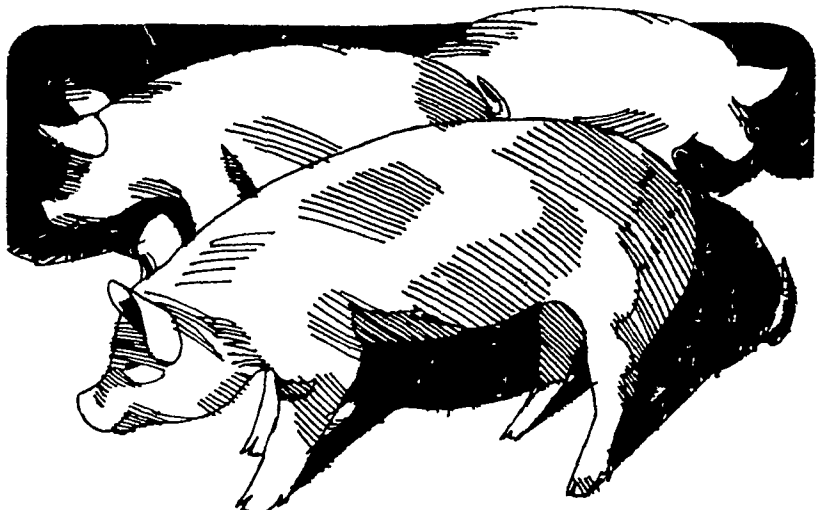
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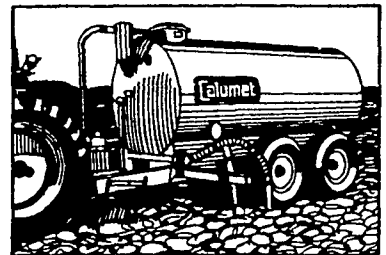
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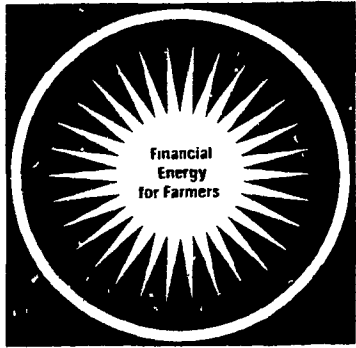
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Dangerous beetle pest found in New Jersey

MOONCHIE, N.J. — The world's most destructive stored produce pest—the khapra beetle—has been found in four warehouses in New Jersey, says a U.S. Department of Agriculture official.

According to Scot Campbell, Assistant Deputy Administrator for Emergency Programs for USDA's Animal and Plant Health Inspection Service, the beetle was found during a routine inspection of a spice warehouse in Moonchie. The pest apparently was trans-

ported among chili peppers and spices shipped from India and Pakistan. After other inspections were completed, the pest was also found in a Harrison, N.J., spice company, a Newark burlap bag company and another empty warehouse in Newark.

Hold orders have been placed on the businesses to prevent the beetle's being transported to new locations. Fumigations of the four warehouses are being planned to eliminate the infestation. In addition,

tracebacks are being conducted on other spice shipments and bagging operations to determine if the pest has spread further.

Khapra beetle was eradicated from the U.S. in 1966, although an infested warehouse was found and fumigated in 1978 in Linden, N.J. Losses to this prolific and destructive pest can range from two percent to total destruction in a vast

variety of stored products. Left uncontrolled, they can make the surface of a grain bin come literally alive with millions of wiggling larvae eating their way to the bottom.

USDA inspectors intercept the tiny brownish-black insect on imported cargo between 150 and 300 times a year and it remains a constant threat to stored grain and other stored products.

Home on the Range

(Continued from Page C14)

This is the Shoo-Fly Cake recipe Mrs. William Lindmeir requested.

Crumbs:

5 cups flour
2 cups brown sugar
½ cup lard
1 teaspoon soda
1 teaspoon cream of tartar

Liquid:

1 ¾ cups water (hot)
1 ¾ cups molasses
1 teaspoon soda

Put crumb part in a bowl and work together. For liquid,

put soda in hot water and add to molasses. Stir about ½

part of crumbs into liquid. Pour into greased baking pan

and put remaining crumbs on top. Bake at 375°F. for 45

minutes.

Mrs. Aaron B. Martin, New Holland

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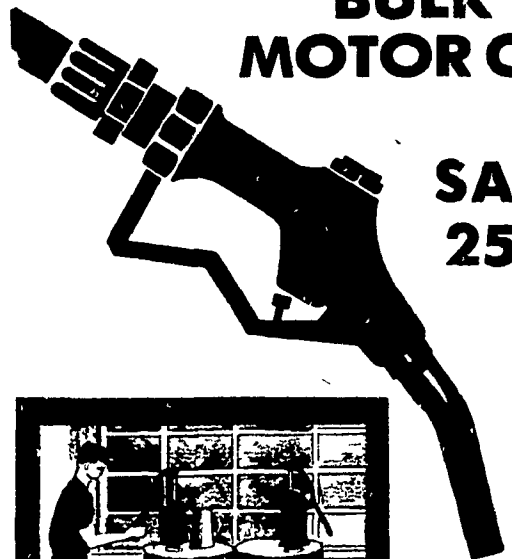
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Farm Women attend U S D A seminar

WASHINGTON, D.C. — Nine Farmers Union members representing six Farmers Union states participated in the three-day, United States Department of Agriculture sponsored Farm Women's Seminar here October 28, 29 and 30.

Twyla Fore and Marion

Forgary, Minnesota Farmers Union; Teresa Erie and Arvilla Peerboom, North Dakota Farmers Union; Carol McKenna, South Dakota Farmers Union; Naomi Chandler, Texas Farmers Union; Mary Norman, Wisconsin Farmers Union; and Wendy Sturges and Margaret Edwards, Pennsylvania

Farmers Union were among the 57 seminar participants from 28 states.

The purpose of the USDA, seminar was to provide a detailed study and discussion of the federal legislative and administrative decision making process.

Participants attended a

variety of programs outlining the decision making processes and giving direction on how decision-making can be influenced.

Discussions ranged from presentations on legislation and regulations to panel discussions, including a presentation on "Effective Lobbying". Ruth Kobell, National Farmers Union Legislative Assistant, was among the panelists.

Farmers Union was one of 20 organizations asked by the Department of Agriculture to suggest participants for the conference.



Two Farmers Union members from Pennsylvania attended the three-day seminar sponsored by the U.S.D.A. They are (right to left) Mrs. Margaret Edwards, Oxford and Mrs. Wendy Sturges, Wellsboro. With them is Ruth E. Kobell, Legislative Assistant, NFU.

Sheep on feed up 6%

LANCASTER — The number of sheep and lambs on feed in seven selected States on November 1, 1980 totaled 1.09 million head, up six percent from the 1.04 million head on feed a year ago.

There were 941 thousand head placed on feed during September and October this year, compared with 902 thousand placed during the same period of 1979.

Of the total on feed

November 1, 1980, 12 percent weighed less than 70 pounds, 21 percent weighed 70-79 pounds, 26 percent weighed 80-89 pounds, 21 percent weighed 90-99 pounds, 20 percent weighed 100 pounds or more.



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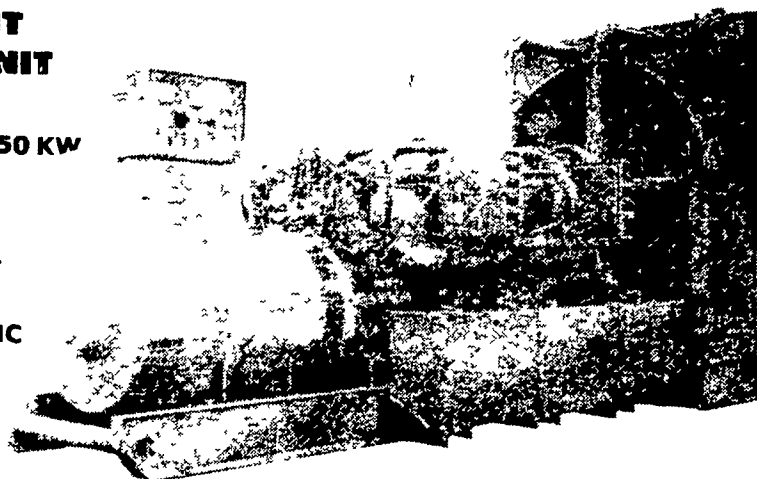
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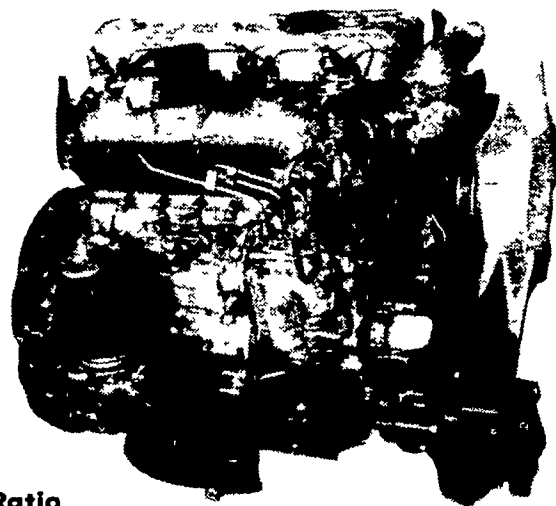
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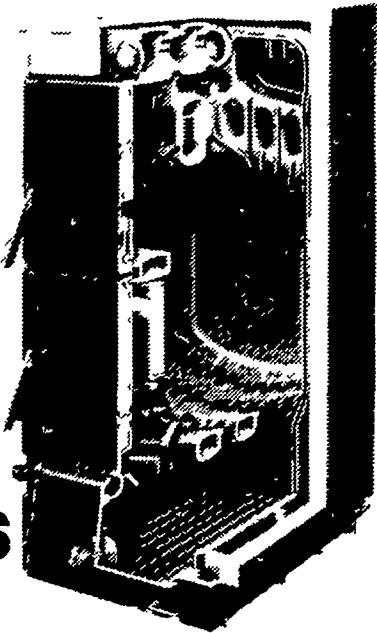
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Farm Bureau announces energy idea winners

LANCASTER — Energy saving proposals aimed at energy conservation, more efficient farm production and improved net farm income surfaced here today in the climax to American Farm Bureau Federation's nationwide "energy" idea search.

AFBF President Robert B. Delano said the 10-month long search for energy saving and energy creating

ideas focused on practical, simple projects that could be adapted by other farmers on a do-it-yourself basis.

Ten entries submitted by Farm Bureau members throughout the nation were selected for awards of \$500 cash each and an expense paid trip to the Chicago area to attend the two day "energy idea symposium" that concluded last week.

Five of the winning ideas

came from Arkansas, two from Wisconsin and one each from Idaho, Illinois and Iowa.

Arkansas winners were Warren Dale Bliss, Bluffton, who built a stationary charcoal gasification system to run a 60 horsepower engine; Bernard H Kreul, Nashville, whose 2000 gallon solar pond heats a 3,000 square foot greenhouse; Harold Meyer, Yellville, who

integrates solar, wood and water energy with an earth-sheltered home; Jim Southard, Blytheville, with an underground heat exchanger system to moderate extreme air temperatures in his home; and James A. Stengle, Paris, with a unique earth-sheltered home insulated by a garage-recreation building above the living area.

Wisconsin winners were

Vernon Davis, Fort Atkinson, whose special tillage-planting system saves about 2000 gallons of diesel per year on his 750 acres; and Richard Lettner, Trempealeau, whose unusual dairy barn manure handling system eliminates odor, flies, electricity and most maintenance.

Other winners were Will Anderson, Idaho Falls,

Idaho, whose aerated drip irrigation system has nearly doubled his potato yields; Tom Warren, Somonauk, Illinois, with a heat recovery system on a high temperature corn dryer that save substantially on electricity and propane; and Wayne D. Frederick, West Branch, Iowa, whose "no-till" system on row crops saves 10 to 20 percent of his total farm energy budget.

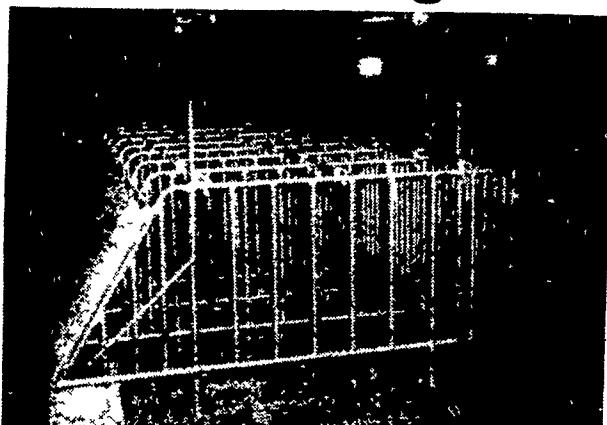
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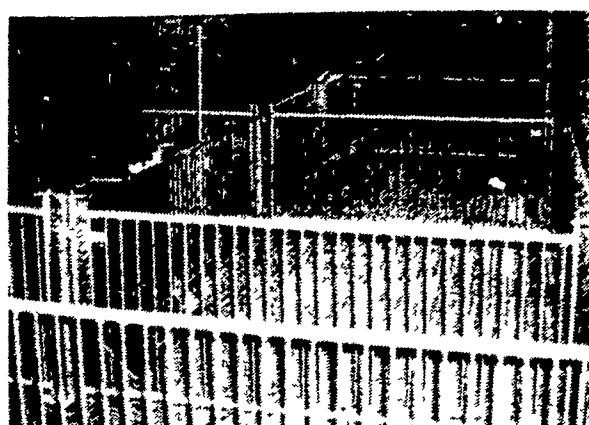
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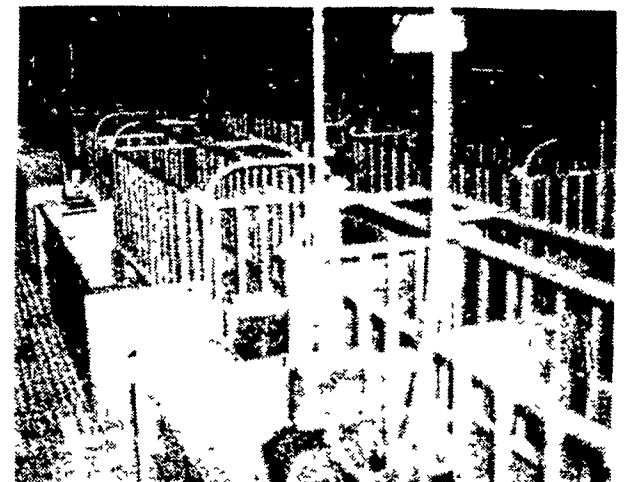
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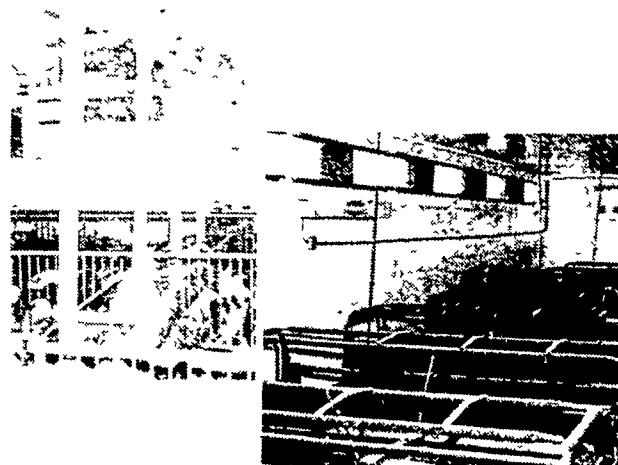


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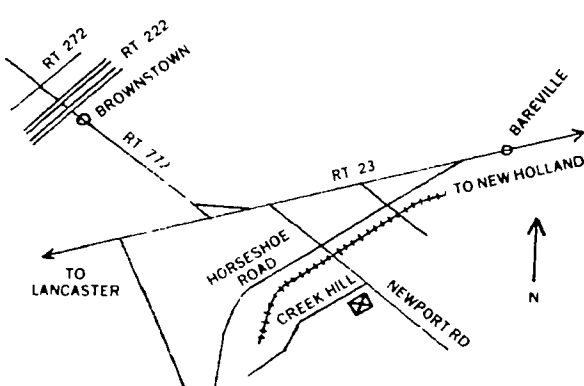
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Care for the casualties of the holiday table

LANCASTER — Don't let a little spilled coffee or cranberry sauce dampen your holiday spirits. Stain removal doesn't have to be complicated.

Although some stains are stubborn and require extra effort, eventually most can be removed or at least lightened. It is important to know if the soiled article is colorfast, since this will determine the method of stain removal. If there is no care label, test the fabric first in an inconspicuous place.

To check for colorfastness, mix one tablespoon of bleach with one-quarter cup of water. Apply a drop of this solution directly to the fabric. Be sure the solution penetrates. After one minute

blot the spot dry with a paper towel. The item can be safely bleached if there is no color change.

There are two types of bleach, chlorine and oxygen. Chlorine bleach, identified by the word "hypochlorite," should not be used on non-colorfast fabrics or certain flame retardant finishes. The words "all-fabric" or "perborate" identify oxygen bleach. Oxygen bleach may be used on all washable fabrics and colors. Be sure to read the labels.

Many stains require soaking as a method of pre-treatment before further handling. Avoid soaking for an excessively long period of time, though. Foulke advises. Sometimes the dyes in a fabric are unstable and

may run. Soaking items (even colorfast) for an extended period of time may result in color transfer or bleeding.

Promptness is very important when removing stains. Cranberry stains, like other berry and fruit stains should be treated immediately if possible. Once they have dried they are hard to remove. Pre-treat by soaking the article in cold water. If the article is bleachable, launder in hot water using a chlorine bleach. For non-colorfast items, if the stain remains after soaking in cold water, rub detergent into the stain while the article is still wet. Launder in warm water.

Soft drink stains should be sponged immediately with cold water. Some drink stains are invisible once they have dried, but turn yellow with aging or when heat is applied. The resulting yellow stain may become impossible to remove. Launder bleachable fabrics in hot water with chlorine bleach. For non-bleachable fabrics omit the chlorine bleach and launder in warm water.

Both coffee and tea stain fabrics. Soak the soiled article in cold water. Rub detergent into the stain while it is still wet; rinse and dry. If a stain still remains, chances are it is from the cream. Sponge with a cleaning fluid, then launder in hot water using a chlorine bleach. When using the cleaning fluid be sure to follow the manufacturer's

directions on the label. The same procedure may also be followed for non-bleachable fabrics except you should launder with warm water and omit the chlorine bleach.

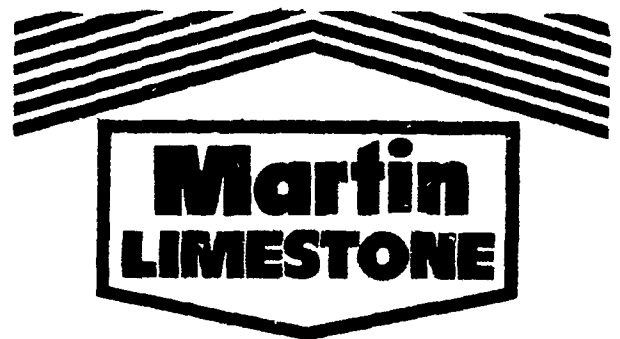
This same procedure may also be used on ice cream, mayonnaise, and salad dressing stains. Dampen the stain with cold water. Rub detergent into the dampened stain, rinse and let dry. If a greasy stain remains, follow the same basic procedure described for removing the coffee with cream stain.

Invariably meat juices and gravy are spilled. If the juice or gravy has dried, use a dull knife to scrape off the remaining food. Then soak the article in cold water. Rub detergent into the stain while it is still wet. Launder bleachable fabrics in hot water using chlorine bleach. Use warm water, omitting

the chlorine bleach for non-bleachable fabrics.

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on your part, your tablecloth will live to see many happy returns of the day.



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Small fruit conference on Tuesday

PLUCKMMIN, N.J. — "Small Fruits Make Big Profits" will be the theme of the first Annual North Jersey Small Fruit Conference, sponsored by the Cooperative Extension Service of Rutgers University for commercial growers and farmers. The meeting will be held on Tuesday, from 9 a.m. to 4 p.m., at the Watchung View Inn, Pluckmin, N.J.

Small fruits, including strawberries, brambles, blueberries and grapes, can provide a higher net profit per acre than most other crops grown in the United States. For this reason many

farmers are diverting limited acreage to small fruits to increase their net income, and new farmers are going into small fruit production totally due to the potentially high net profits and smaller capital investment to get started.

The Conference will tell "everything you ever wanted to know about small fruit production." Featured will be talks on the culture of strawberries, brambles and blueberries. Norman Childers, Blake Professor of Horticulture at Cook College, Rutgers, will show slides of small fruit production around the world.

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1981 outlook brighter

Drought high interest rates cloud 1980 financial situation

LANCASTER — In 1980, farmers were faced with major financial problems brought about by high interest rates and tight credit in the spring and widespread drought.

Farmers in drought-stricken areas will enter 1981 heavily burdened with debt because of the need to obtain extensions and renewals of existing debts. Farmers not affected by the adverse weather should be in a stronger financial situation. Interest rates are ex-

pected to remain high in 1981, however, they are expected to be lower, on average, than this year's rates.

Net farm income will be between \$23 and \$25 billion in 1980, down from \$31 billion in 1979. However, projected higher farm prices, lower interest rates, and a decline in the rate of increase in production expenses should contribute to increased net farm income in 1981 — currently forecast from \$27 and \$32 billion.

The higher farm prices forecast for 1981 are due to a substantial drop in supplies of commodities as well as expectations of strong export demand.

Cash income from both farm and nonfarm sources rose slightly in 1980 and is expected to take a substantial jump in 1981.

As a whole, farmers are likely to be in an improved financial position by the end of 1981. However, hog and poultry producers' incomes are expected to improve only marginally while producers of vegetables, fruits, and nuts are forecast to have lower incomes in 1981.

Gross investment in 1980 is forecast at almost \$12 billion, down from \$21.6 billion in 1979 and considerably below the nearly \$41 billion projected for 1981. The reduction in 1980 reflects widespread postponement of purchases of capital items because of low income prospects and high interest rates.

Delayed capital purchases and refinancing of short-term debt resulted in a

decline in the growth of nonreal estate debt.

Higher farm incomes in 1981 may slow the rate of increase in real estate lending while nonreal estate lending accelerates to finance delayed purchases of machinery and equipment.

The value of farm assets is expected to rise almost nine percent in 1980 to a forecast total of about \$1 trillion — the smallest increase in both absolute and percentage terms since 1977.

Total farm debt is projected to rise almost 15 percent in 1980 and an additional 15 percent in 1981. The shares of total farm debt outstanding held by the Farm Credit System and the Farmers Home administration are expected to rise during 1980.

Low net farm income, together with high interest rates and tight credit conditions reduced activity in the farm real estate values are expected to rise between seven and 12 percent in 1980 and between 11 and 16 percent in 1981. This compares with a 15 percent increase in 1979.

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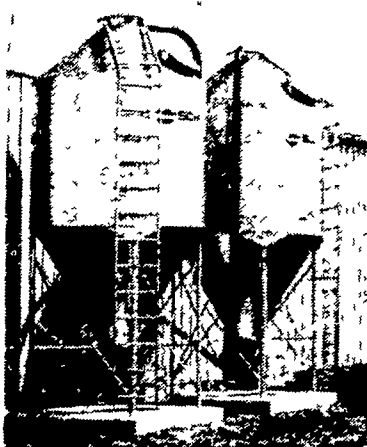


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Manor FFA attends convention

LANCASTER — Fifteen members from the Manor chapter of the FFA attended the National FFA Convention in Kansas City, Mo.

On the trip west, the group visited the Vigortone Premix plant, the Indianapolis Speedway, The Purina Research Farm and Merrimac Caverns. While at Kansas City, they toured General Motors Armco

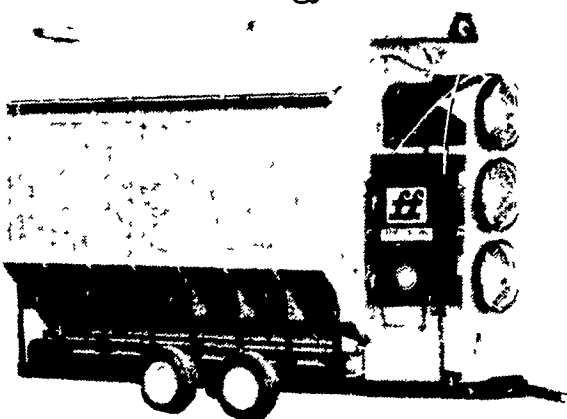
Steel plant and attended the National FFA Convention. They saw the American Royal Rodeo where Jim Stratford of the T.V. show, "Those Amazing Animals" appeared.

On the way home they stopped at the Arch In St. Louis, Missouri, arriving home in Millersville on November 16.



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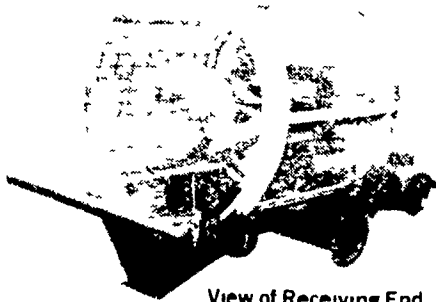
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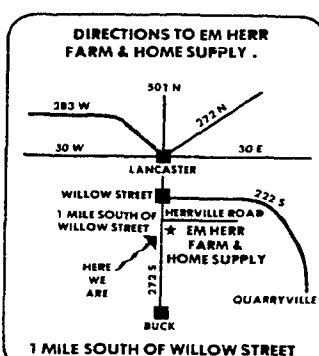
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Tests show which birds go to market fastest

NEWARK, Del — Today's broiler chicken ain't what it used to be. Rising feed costs and consumer demand for leaner meat have both spurred the broiler industry to make changes in the kind of bird that's grown these days.

As a result, poultrymen are after a more feed efficient product with less fat.

Both feed efficiency and leanness are traits which are influenced by genetics. So are some of the other factors which affect bird performance and meat quality. The industry goal, of course, is higher yield of saleable meat. The success of breeders working toward this goal is measured, ultimately, by the price you pay for chicken at the grocery store.

Breeders and producers have an idea how well their own broiler crosses do in the field. But it's impossible for them to gather detailed comparative data on all the available breeds. Unless these crosses are evaluated under research conditions, no one knows how well they actually perform.

Every few years, poultry scientist George W. Malone and extension poultry specialist George W. Chaloupka run a series of trials at the University of Delaware's Georgetown Substation on promising new breeds of broiler chicken. The trials provide the industry with information on the comparative performance of a number of crosses under identical growing conditions.

Results of the latest trials have now been released. They show that it takes four days less to raise a 4.5 pound bird than it did in similar trials four years ago.

Looking at five of the best of today's crosses, Malone found the 1980 broilers averaged 4.45 pounds live weight in 52 days and had a feed conversion rate of 1.94 (down from 2.01 in 1976 for a

similar size bird). This means that it took less than two pounds of feed to produce one pound of chicken.

On a per 1000 bird basis, this represents a savings of 82.9 pounds of feed per year over the past four years.

The test included the following crosses: Hubbard x Hubbard, Vantress x Hubbard, Arbor Acre x Arbor Acre, Ross x Arbor Acre, and Indian River x Indian River. Crosses were selected on the basis of a Delmarva industry survey and represent some of the most popular breeds currently in international production.

Placement dates were 9/17/79, 12/7/79, and 4/11/80. Broilers were hatched from eggs of breeder flocks approximately 46 weeks old and were reared in a shed-type poultry house under management practices simulating those used commercially.

There were 5250 birds in each trial.

According to Chaloupka, the University of Delaware Substation is one of the few

public research facilities in the world conducting this kind of performance test. The trials are possible at Georgetown, he says, because of the closeness to a USDA poultry research laboratory and local industry processing plants. These provide important information when birds are processed.

Results of the 1980 trials are presented in two Delaware Experiment Station reports which are available on request. By taking this information and comparing it with notes from their own observations, broiler companies can decide which type of bird will be most profitable for their own particular operations.

"Just because a breed has a certain disadvantage doesn't mean you shouldn't grow it," says Malone, noting that one cross had lower egg hatchability but more breast meat. "You have to look at the end result, and that's yield at the processing plant."

Speaking of the improvements they've seen in broiler performance since the 1976 trials, the scientist predicts even more impressive weight gains in broiler crosses over the next five years. In fact, by 1985 the industry projects a four pound broiler in 42 days with

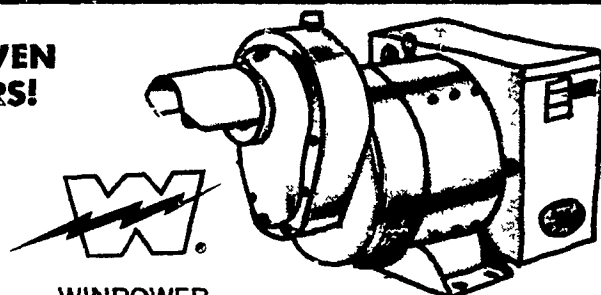
a 1.85 feed conversion, probably activated on a lower energy diet. This is good news for poultrymen and consumers alike.

The reports on the 1980 broiler evaluation cross test have already received global distribution.

For a free copy of the report, call or write: G.W. Malone, University of Delaware Agricultural Experiment Station, Substation Division, R.D. 2, Box 47, Georgetown, DE 19947 302/856-5254. Ask for the "1980 Broiler Cross Evaluation Reports."

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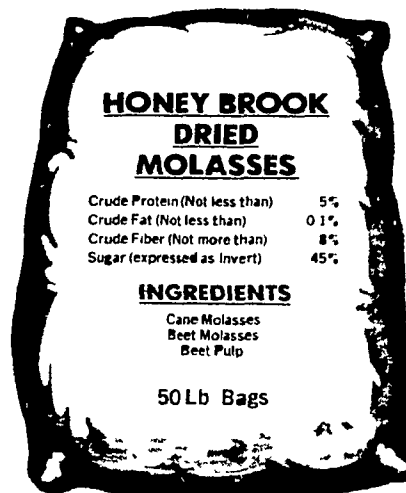
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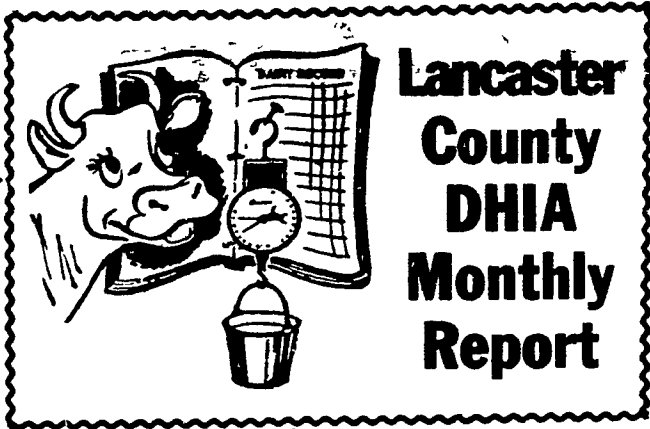
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Lancaster County DHIA Monthly Report

October 1980

A Guernsey cow owned by Fred Crider, R2 Nottingham, completed the highest 305 day lactation. Sue produced 23,993 pounds of milk, 1085 pounds of butterfat with a 4.5 percent test.

Second high lactation was completed by a Registered Holstein cow owned by Clyde W. Martin, R1, East Earl. Dusty produced 32,656 pounds of milk, 1053 pounds of butterfat with a 3.2 percent in 305 days.

The herd of Nelson H. Wenger, R6, Manheim, had the highest daily butterfat average. This herd of 44 Registered Holstein cows averaged 49.2 pounds of milk, 2.20 pounds of butterfat with a 4.5 percent test.

The herd of John Omar Stoltzfus, R2, Honey Brook, placed second. This herd of 42 Registered Holstein cows averaged

57.6 pounds of milk, 2.18 pounds of butterfat with a 3.8 percent test.

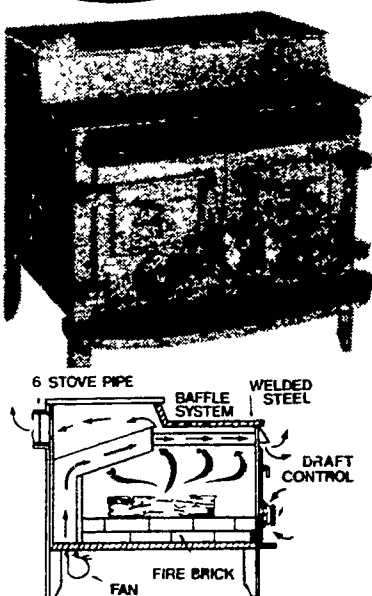
OWNER NAME OR NUMBER	BRO	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Fred Crider	RG	5-1	305	23,993	4.5	1085
Sue	RG	4-0	305	13,961	5.3	741
Martha	RG					
Clyde W. Martin	RH	5-2	305	32,656	3.2	1053
Dusty	RH	4-10	305	20,479	4.8	974
Kate	RH	6-8	305	24,148	3.9	931
Cathy	RH	3-7	305	23,337	3.3	768
Sylvia	RH	5-5	279	15,713	4.5	711
Deby	RH					
Marvin S. Nolt	GrH	6-10	305	27,405	3.8	1029
31	GrH	6-10	305	23,782	3.7	874
60	GrH	4-9	305	20,898	3.6	749
107	RH	3-1	305	21,904	3.3	733
130	RH					
Nelson H. Wenger	RH	4-0	305	30,373	3.4	1021
Cinamon	RH	3-4	305	21,195	3.4	724
Emily	RH					
Samuel E. Beiler	RH	8-3	300	23,556	4.3	1013
Smokey	RH	10-0	305	20,229	4.0	816
Posch	RH	6-1	305	20,715	3.6	754
Mary	RH	3-3	305	18,807	3.8	709
Jean	RH					
Abram M. Stoltzfus	RH	7-9	305	24,460	4.1	1003
Marge	RH					
Paul D. Welk	RH	7-2	305	23,262	4.3	1002
Ann	RH	6-9	299	26,482	3.7	976
Pansy	RH	5-1	305	21,249	4.2	900
Lucifer	RH	4-6	305	16,257	4.3	701
Jill	RH					
J. Mowery Frey Jr.	RH	6-6	305	21,952	4.5	997
Fern	RH	6-11	305	20,076	3.6	728
Rudy	RH					
Bernel Z. Lapp	RH	4-11	305	32,966	3.0	995
Karen	RH	7-2	305	23,728	3.2	764
Becky	RH					
Pequea Meadows Farm						
110 Mst	RH	4-2	305	25,976	3.8	992
144 Giny	RH	4-3	288	19,217	3.9	745
133 Tery	GrH	2-5	305	19,313	3.7	714
157 Fluf	RH	4-2	305	15,587	4.5	709
Glenn E. Burkholder						
Mary	RH	5-7	305	25,628	3.8	977
Clover	RH	5-5	305	21,737	3.7	798
Evelyn	RH	4-3	305	22,818	3.5	789
Ronda	GrH	3-7	298	21,866	3.4	749
J. Ray Ranck						
Trinket	GrH	4-5	305	22,599	4.3	977
Adam & Jerene Zimmerman						
Kate	GrH	5-0	305	24,124	4.0	973
Nelson W. Nolt						
14	RH	6-1	305	22,931	4.2	965
20	RH	7-3	305	25,966	3.1	807
114	RH	4-1	305	24,856	3.1	781
31	RH	5-1	305	25,366	2.8	700
Dan S. Stoltzfus						
Happy 6	RH	7-0	305	25,362	3.7	950
Maud 11	RH	4-1	305	21,172	3.4	716
Meadow Vista Farm						
Hazel	RH	5-2	305	22,596	4.2	950
Princes	RH	6-7	305	24,739	3.8	941
Doreen	RH	7-3	286	21,206	3.8	813
Moo	RH	6-10	305	21,250	3.8	811
Pluto	RH	3-11	305	21,242	3.7	796
Tulip	RH	9-4	294	20,185	3.9	784
Roxie	RH	5-11	305	20,185	3.7	753
Colleen	RH	5-11	305	17,199	4.2	717
Allen Lee Stoltzfus						
Kay	RH	5-7	305	23,959	4.0	948

Lancaster Farming, Saturday, November 29, 1980—C21

Alice	RH	4-2	280	18,833	4.1	776
Chickie	RH	4-1	305	19,895	3.6	724
David K. Stoltzfus						
Sizz	RH	5-2	305	22,077	4.3	940
Mary	RH	3-3	305	26,378	3.2	840
Supreme	RH	5-6	305	23,090	3.2	750
John F. Petersheim						
81	RH	9-10	305	21,033	4.5	940
50	RH	4-10	305	17,946	3.9	708
Ken & Joanne Hershey						
Lisa	RH	8-6	305	21,924	4.2	928
Frisky	RH	5-9	305	23,609	3.5	836
Edie	RH	4-0	305	17,059	4.6	786
Melvin R. Eby						
Eve	RH	5-4	305	23,872	3.9	923
Graywood Farms						
296	GrH	5-1	305	22,794	4.0	917
99	GrH	8-4	305	23,555	3.5	826
112	GrH	4-7	305	21,943	3.6	782
229	GrH	3-11	305	22,764	3.3	762
337	GrH	7-2	275	22,555	3.2	731
455	GrH	3-0	305	17,895	4.0	723
308	GrH	4-4	301	17,366	4.1	711
John P. Lapp						
Lydia	RH	3-2	305	25,513	3.6	912
Crystal	RH	3-0	305	21,081	3.9	813
Mervin Sauder						
Jay	GrH	5-4	305	22,198	4.1	911
Susie	GrH	4-6	305	18,858	4.2	794
Mindy	RH	5-3	305	19,748	3.8	757
Peck	RH	2-1	305	19,460	3.7	713
Nathan E. Stoltzfus						
Lynn	RH	7-2	205	21,096	4.3	908
Poppy	RH	4-6	305	17,647	4.5	790
Janelle	RH	3-3	296	19,342	3.8	736
Christian Zook						
Sharon	RH	4-0	305	20,583	4.4	908
Barb	RH	5-10	305	21,709	3.8	820
Paul B. Zimmerman						
Lynn	RH	7-1	305	24,483	3.7	905
Juliet	RH	3-2	305	16,234	4.3	703
Vernon R. Umble & Son						
Paula	RH	4-2	305	22,869	4.0	904
Tara	RH	5-6	305	20,652	4.4	902
Miki	RH	5-4	305	22,544	3.2	727
Bev	RH	6-2	305	17,072	4.2	709
Gerald Martin						
Kathy	RH	3-2	305	24,960	3.6	889
Edgefield Farms						
Lil	RH	5-4	305	25,458	3.5	886
Bess	RH	6-4	305	21,915	3.9	860
Betty	RH	3-0	305	19,272	3.9	760
Lori	RH	7-11	301	20,499	3.7	754
Wanda	RH	6-2	305	17,879	3.9	703
Robert Kauffman Jr.						
Dinah	RH	7-4	305	20,261	4.4	884
Peg	RH	5-1	305	17,291	4.6	791
Charm	RH	5-4	305	21,281	3.6	766
Darlene	RH	3-0	305	20,044	3.7	741
Angel	RH	5-0	294	19,442	3.7	728
Pride	RH	6-1	303	17,059	4.3	728
J. Wilmer Eby						
Honey	RH	6-2	305	25,196	3.5	883
81	GrH	4-1	303	21,465	3.7	794
J. E. & Shirley Hershey						
Cinrela	RH	4-8	305	22,630	3.9	881
Robert C. Groff						
Quail	RH	4-8	305	18,950	4.6	881
Treva	RH	4-4	305	20,235	3.5	710
Ferncrest Farm						
212	RH	8-10	305	20,665	4.3	879

(Turn to Page C22)

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Baker Coal and Woodburning Stoves give you complete maximum heat with low operational cost. In less than 5 minutes from kindling ignition the interior manifolds are hot enough to begin heating your home. Baker stoves are engineered to burn less wood and still deliver peak efficiency for continued comfort. We reinvented the airtight stove — circulatory and radiant heat the patented system for warmer living.

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These sires are plus for milk, test, and type!



15H188 Penmar Apollo TOPPER - EX (91)

102 Daughters in 69 Herds average 16,702M 3.8% 636F
Predicted Difference (83% rpt.) +\$81 +521M +.10% +33F
37 Daus. Cl. 81.5 (act.) 83.1 (age-adj.); +2.02 PDT
Type Strengths: fore udder, rear udder, legs & feet, and rump
His Sire: Ecraso Golden Topper — EX & GM
His Dam: Penmar Debora Apollo Dandy — EX-2E



15H205 Wauk-A-Way FOND RELIANCE — VG (87)

71 Daughters in 54 Herds Average 16,385M 3.7% 614F
Predicted Difference (78% rpt.) +\$91 +756M +.01% +29F
18 Daus. Cl. 80.2 (act.) 82.4 (age-adj.); +1.29 PDT
Type Strengths: fore udder, rear udder, teats, and rump
Sire: No-Na-Me Fond Matt — EX & GM
Dam: an EX-2E Marquis dau. with 2 rec. over 20,000M and 750F

(July/80 USDA Production and January/80 HFA Type Summaries)

Our Daily Holstein Selection Includes:

- 20 bulls with milk PD over +1,000
- 20 bulls with value PD over +\$100
- 9 bulls with +PD for % test
- 31 bulls with at least 70% repeatability
- 28 bulls with +PD for type

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Approved by Certified Semen Services

Lancaster Co. DHIA

(Continued from Page C21)

245	GrH	6 0	305	21,763	3 6	787
281	RH	3 4	305	15,950	4 5	710
John M Harnish						
Kelly	RH	6 0	305	24,773	3 5	876
Sugar	RH	6 2	305	20,556	3 9	795
Tara	RH	4-8	305	21,288	3 6	767
Miriam	GrH	4-11	305	18,060	4 1	745
Glenna	RH	3 10	305	19,131	3 8	734
Maria	RH	2 5	305	21,128	3 4	721
Emanuel B Lapp						
Bess	GrH	6 1	305	22,333	3 9	875
Robert L Gruber						
57 Deli	RH	6 2	305	25,391	3 4	874
Robert H Rohrer & Sons						
247	GrH	4 1	305	23,776	3 7	872
117	GrH	6 1	305	19,606	4 1	795
Ben S Stoltzfus						
Blackie	RH	7 9	305	21,861	4 0	872
Bessie	RH	6-0	305	15,303	4 6	701
Jonas E Zook						
Poppy	RH	6 3	305	24,303	3 6	871
Bonnie	RH	9-0	305	21,588	3 3	722
James M Harnish						
Irene	RH	6-1	305	25,821	3 4	868
Aaron S Glick & Sons						
87	RH	4-3	305	19,515	4 4	868
25	GrH	7-7	305	17,456	4 6	795
Joseph C Wivell						
Nancy	RH	3 3	305	23,073	3 7	860
Eva	RH	8 2	305	16,936	4 4	752
Earl R Hursh						
Linnie	RH	4-3	305	27,571	3 1	858
Sadie	RH	3-7	305	22,855	3 5	791
Nettie	RH	6 4	305	22,531	3 3	743
Moses N Good						
Ella	RH	5 11	305	27,839	3 1	852
Sally	GrH	6 3	305	25,049	3 2	800
Alto	GrH	5 8	305	19,334	4 0	777
Weaver Homestead Farm						
32	GrH	3-10	305	22,545	3 8	849
23	GrH	4 2	305	16,921	4 8	807
79	GrH	3 3	305	19,647	3 7	735
R Edwin Harnish						
11	GrH	6 6	305	19,934	4 2	847
Pam	RH	7-9	305	15,637	4 6	727
Misty	RH	3 0	305	18,288	3 9	713
Alvin M Martin						
72	GrH	3 4	305	24,659	3 4	844
30	GrH	6 5	305	20,650	3 5	728
Paul H Rohrer & Sons						
17	GrH	8 3	305	19,189	4 4	843
76	GrH	7 4	305	22,158	3 5	771
69	GrH	5 5	305	18,554	3 8	707
Carl L Martin						
Dindo	RH	5 1	305	18,898	4 5	843
Ada	RH	4 7	305	19,252	3 8	735
Springarden Farm						
Donna	RH	6 10	305	19,847	4 2	842
Darlene	RH	4 10	305	24,851	3 1	778
Jade	RH	2 0	305	17,707	4 0	706
J Harold Musser & Son						
24	GrH	8-1	288	18,066	4 6	838
16	GrH	6 4	305	18,870	3 7	706
Shellenberger Bros						
Regina	RH	6 2	305	21,766	3 8	835
Pameo	RH	7 9	305	19,886	4 0	794
Anetta	RH	5 3	302	22,157	3 5	785
Lacy	RH	9 6	305	23,879	3 2	770
Flute	RH	3 0	305	22,182	3 4	761
Bernie	RH	3 6	305	18,714	3 8	718

Flora	RH	4 1	305	17,938	3 9	705
Janelle	RH	2-2	305	20,918	3 4	704
Henry S DeLong						
42	RH	5-10	305	21,558	3 9	835
45	GrH	8-7	305	18,538	4 2	775
Melvin L Beiler						
Grace	RH	10-2	305	19,946	4 2	833
Dandy	RH	8 2	305	18,675	4 1	765
Raymond & Louise Witmer						
Angel	RG	5 1	305	16,683	5 0	833
Becky	RG	5 2	305	14,748	5 2	768
Kay	RG	4 2	305	12,886	5 6	726
John Omar Stoltzfus						
Lass	RH	8 5	305	21,760	3 8	832
Model	RH	3 2	305	20,148	4 0	808
Daniel E Fisher						
Burke	RH	3 4	305	16,985	4 9	831
New Year	RH	4 11	305	21,386	3 7	782
Aaron K Stoltzfus						
Fobes	RH	7 7	303	24,547	3 4	830
Dewdrop	RH	6 2	305	19,046	3 8	729
C Witmer Sherer						
Penny	RH	6 9	305	19,743	4 2	830
Nellie	RH	8 9	305	17,104	4 4	751
Earl S Weaver						
Prince	RH	7 10	305	24,684	3 4	829
Ashevale Farm						
Regal	RH	5 3	305	22,461	3 7	828
Pica	RH	6 5	305	19,298	4 1	797
Joan	RH	5 1	305	17,362	4 1	713
Triple H Farm						
390	GrH	7 11	305	21,795	3 8	825
Edwin J Landis						
Bobbie	RH	4 9	305	23,889	3 4	823
John L Landis						
31	RH	8 1	305	21,466	3 8	822
20	GrH	8 2	282	19,496	3 8	741

(Turn to Page C23)

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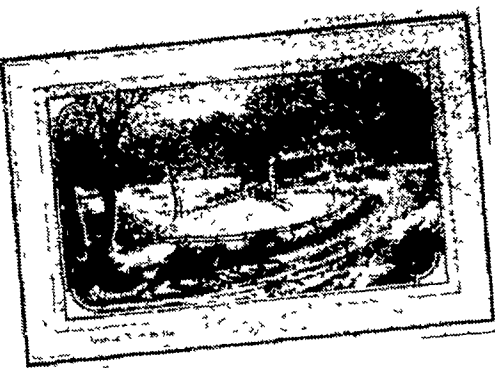


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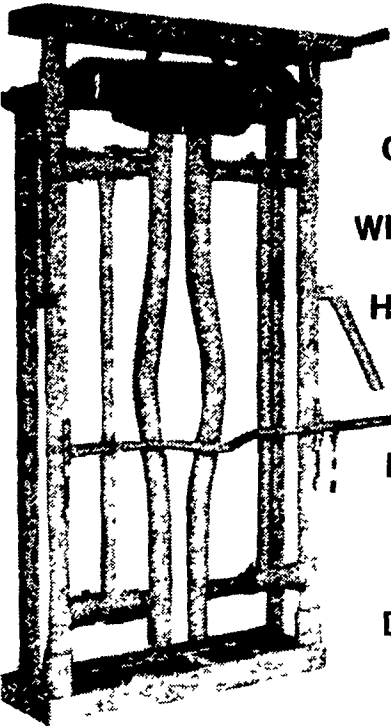
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Lancaster Co. DHIA

(Continued from Page C22)

Nelson B Weaver	GrH	4 1	305	18,501	4 4	822
91	GrH					
J Robert Metzler & Son	RH	6 7	305	20,510	4 0	820
Angela	RH	5-10	305	20,174	3 7	745
Sue	RH					
Cedar Fringed Farm	RG	5 3	305	18,400	4 5	820
Seriphn	RG	3 3	305	16,578	4 3	713
Bobbie	RG	2 0	305	14,372	4 9	797
Duchett	RG					
Jacob L Stoltzfus	GrH	7-0	305	19,331	4 2	817
49	GrH					
57	GrH	4 7	261	17,497	4 3	754

Lancaster Farming, Saturday, November 29, 1980—C23

John S Zimmerman	GrH	5 3	305	22,672	3 6	814
2	GrH					
Ephraim D Riehl Jr	RH	5 2	305	20,785	3 9	808
Alberta	RH					
King-Ridge Farm	RH	9 10	303	20,401	4 0	808
Mary	RH					
John A Brubaker Jr	RH	7-8	305	21,966	3 7	807
42	RH	6-5	305	20,991	3 4	716
49	RH					
David S Stoltzfus	RH	7 6	305	20,385	4 0	807
Atry	RH					
Paul K Newswanger	GrH	6-1	305	21,655	3 7	806
11	GrH					
Leon S Lapp	RH	4-4	305	20,006	4 0	805
Connie	RH					
C Victor Groff	GrH	4-4	305	18,624	4 3	805
49	GrH	3-11	305	19,758	3 8	749
15	GrH					
Paul V Nissley	RH	6-5	305	22,272	3 6	803
Agatha	RH	4-8	305	21,387	3 7	798
Robin	RH	4-1	294	20,313	3 7	760
Maisie	GrH	4-2	305	21,048	3 4	709
Alexis	RH	3-4	305	18,119	3 9	705
Tippy	RH					
Harold B Good	GrH	5-3	305	23,548	3 4	799
Queen	GrH					
J Wilmer Conrad	RH	3-1	305	20,338	3 9	795
Bridget	RH	9-8	305	20,399	3 6	732
Lindy	RH					
Paul E Martin	RH	8-4	297	16,433	4 8	795
Mindy	RH					
Earl N Landis	RH	6-4	305	21,363	3 7	794
Dolly	RH	11-0	305	20,750	3 6	738
Lou	RH	3-0	305	17,815	4 0	720
Pearl	RH					
Ken & Nelson Stoner	RH	5-1	305	20,754	3 8	793
195 Ger	RH					
Richard & Fay Fox	RH	5-3	303	18,516	4 3	793
Liz	RH					
David R Stoltzfus	GrH	4-3	305	17,760	4 5	792
33	GrH					
Elam P Bollinger	RH	10-9	305	23,287	3 4	791
Martha	RH	4-5	305	23,047	3 2	731
Kim	RH					
Rhelda & Lynn Royer	RH	10-0	305	23,931	3 3	788
Julia	RH	2 5	305	15,060	4 7	704
Dusty	RH					
Shadytop Farm	RH	4-0	305	22,418	3 5	787
Andover	RH	9-3	305	17,553	4 1	724
Molly	RH					
Parke H Ranck	RH	4-1	305	17,897	4 4	787
Valerie	RH					
Daniel W Fox	GrH	5 9	305	17,325	4 5	787
Carol	GrH					
Penn Har Va Farms	RH	10 5	302	22,970	3 4	786
Julie 6	RH					
Walnut Run Farm	RH	5 4	305	21,397	3 7	786
80	RH	4 5	305	14,078	5 5	779
234	RH	4 4	305	22,342	3 5	777
148 Mars	RH					
Emanuel S Smucker	RH	4 11	305	20,944	3 8	786
Royal	RH	8-2	305	20,133	3 5	712
Duchess	RH					
Marvin Reed	RH	5 11	305	20,422	3 8	786
Barb	RH					
Loren L Zimmerman	RH	3 8	305	22,030	3 6	785
Precous	RH					
Glenn R Binkley	RH	4 6	305	19,770	4 0	784
167	RH	5-3	305	19,082	3 7	703
158	RH					
Luke Ray Zimmerman	GrH	6-1	299	18,642	4 2	783
4	GrH	5-1	305	20,800	3 4	706
40	GrH					
Lester M Weaver	RH	7-10	305	24,158	3 2	782
45D	RH					

(Turn to Page C24)

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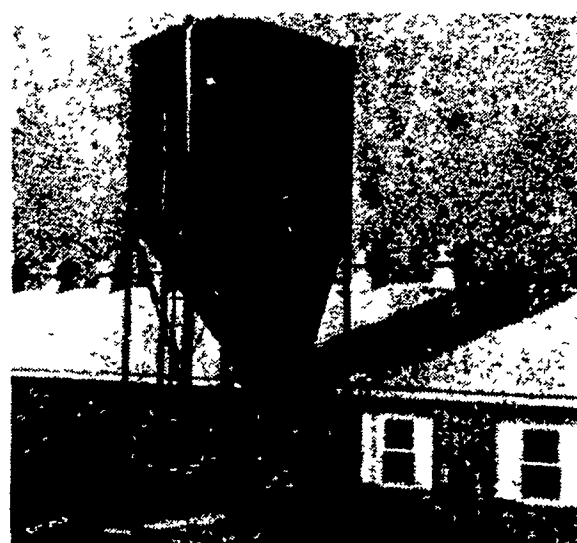
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Lancaster Co. DHIA

(Continued from Page C23)

16B	RH	5-1	305	20,980	3 7	782
119A	RH	4-3	305	20,264	3 6	724
109A	RH	4-5	305	21,184	3 4	714
6B	RH	8 1	305	20,610	3 5	713
15C	RH	3 3	305	18,790	3 8	705
Carl R Martin						
Lass	RH	6 8	305	22,294	3 5	782
John Omar Stoltzfus Jr						
Fan	RH	4-2	305	21,039	3 7	780
Ivan Zook						
2	GrH	4-4	305	20,619	3 8	780
36	GrH	5 11	305	18,402	4 1	754
Samuel F Long						
Ann	RF	6 2	305	17,067	4 6	780
Marvin R Sauder						
Vera	GrH	8-1	305	18 121	4 3	779
Paul W Zimmerman						
61	GrH	4-10	305	21,558	3 6	777
Ivan M Hursh						
Lucy	RH	9-11	294	20,316	3 8	776
Ellis D Kreider						
131	GrH	3 5	305	18,762	4 1	776
95	GrH	6 10	305	18,773	4 1	770
65	GrH	10 4	305	18,438	4 1	752
Earl Smoker						
Patsy	RH	5 3	283	18,537	4 2	776
Vernon K Beiler						
79	GrH	8 1	305	18 481	4 2	776
Lloyd I Lefever						
55	RH	5 2	305	18 238	4 2	774
Roy C Neff						
Dorothy	RH	6 3	305	17 600	4 4	774
Wenger Brothers						
Maggie	RH	3 5	305	23 696	3 3	773
Tritown Farm						
Peach	RH	4 8	305	20 267	3 8	773
Margie	RH	4 11	305	22 468	3 4	771
Pony	RH	4 8	305	18,598	3 8	700
Paul S Horning						
Macie	RH	5 10	305	25 643	3 0	772
Raymond M Weaver						
104	RH	4 5	305	19 453	4 0	772
129	RH	5 11	305	20 330	3 5	717
Twin Oak Farms						
85	GrH	5 8	305	21,052	3 7	771
128	RH	11 5	305	18,445	4 0	734
Stephen J Stoltzfus						
Hecktor	RH	4 0	305	17 638	4 4	771
Christ S Fisher						
15	RH	4 1	290	17 906	4 3	769
Robert W Ulrich Jr						
Abby 30	RJ	3 7	305	13 908	5 5	769
Vickie 39	GrJ	3 6	305	12 755	5 5	703
Benuel S Stoltzfus						
Brenda	GrH	5 2	305	18 852	4 1	767
Roberta	GrH	5 0	299	17 962	3 9	707
Sharon	GrH	3 2	305	20,486	3 4	700
Kenneth L Beiler						
Jackie	RH	6 5	305	21 518	3 6	766
David L Kling						
Florence	GrH	4 5	305	20 414	3 8	766
Connie	GrH	6 5	305	17 015	4 1	700
Henry U Stoltzfus						
Penny	GrH	9 1	305	17 791	4 3	766
Kenneth E Zurin						
99 Ang	RH	4 2	305	17 110	4 5	766
John E Fisher						
9	RH	7 0	305	20 149	3 8	764
J Carl Zander						
Trina	RH	6 2	305	18 473	4 1	764
Robert H Kauffman						
Penelop	RH	3-6	305	20 369	3 7	763
James S Brubacker						
Gertrude	GrH	5 3	305	19,893	3 8	763
Tatly	GrH	5 1	305	18 177	3 9	708

Nelson R Habecker						
26	GrH	3 0	305	18,231	4 2	762
79	GrH	3 9	305	18,534	3 9	719
Donald B Trimble						
64	GrBrSw	7 0	305	16,398	4 6	762
Charles Tindall Jr						
Sea	GrH	6 0	305	22,855	3 3	761
J Floyd Kreider						
47	RH	6 7	305	20,207	3 8	760
Simeon B Beiler						
Sheila	GrH	3 6	305	20,106	3 8	760
Birdie	RH	8 8	305	17,058	4 2	708
Tom Zartman						
160	RH	5 2	305	20,016	3 8	757
190	RH	3 6	305	23 513	3 2	750
Curtis E Akers						
Ja Ja	RH	3 11	304	19,856	3 8	757
Welsh Vista Farms						
Rockett	RH	6 2	305	17,776	4 3	756
Robert D Harnish						
Sheila	RH	6 6	305	18,486	4 1	755
Clyde M Buchen						
422 Jun	RH	4 2	305	17,966	4 2	754
Lester J Wiker						
Ned	RH	7 3	305	16,971	4 4	752
Lloyd B Sensenig						
Hazel	GrH	4 4	305	19,641	3 8	751
Britann Acres Farm						
58	RH	5 3	305	19,480	3 9	751
15	RH	7 2	254	15,432	4 6	713
Paul H & Marvin Herr						
Julie	RJ	5 2	305	15,895	4 7	751
Donald R Bare						
76	RH	4 6	272	20,575	3 6	749
95	RH	7-3	305	22,570	3 3	736
David E DeLong						
Rosanne	RH	4 10	305	18,475	4 1	749
Amos B Lantz						
Polite	RH	10-0	305	19,629	3 8	747
Comet	RH	5-1	305	19,141	3 8	734
Pity	RH	3-9	305	20,152	3 5	706
Willis N Martin						
Nina	GrH	7-3	305	17,704	4 2	747
Norma	RH	5-1	305	19,321	3 8	731
Daniel M Stoltzfus						
Pebbles	GrH	3 3	305	17,229	4 3	747
James L High						
Apollo	RH	4 8	305	26,777	2 8	746
David L Landis						
Faye	GrH	7 5	305	22 320	3 3	746
Judy	GrH	0 0	305	21 840	3 3	713
Kreider & Lusby						
25	GrH	5 5	305	20,947	3 6	745
89	GrH	5 4	305	21,270	3 4	721
Joseph DeLong						
43D	GrH	4 7	305	18,026	4 1	745
76E	GrH	3 10	305	16,818	4 2	712
36C	GrH	6 6	305	17,662	4 0	700
Bennie L Fisher						
Joyce	GrH	6 3	305	17 659	4 2	745
Lena	RH	10 0	305	17 052	4 1	701
Delmar & Susan Weaver						
Angle	GrH	6 10	305	20,981	3 5	744
Parla	RH	6 1	305	20 353	3 6	729

Albert E Fry						
Merr	RH	6-11	305	20,402	3 6	744
Thomas & Larry Aaron						
178	RJ	4-0	294	14,257	5 2	744
7	RJ	7-1	305	12,526	5 6	703
Andrew G Miller						
Shirley	RH	6 1	305	23,820	3 1	743
Joseph W Best						
77	GrH	4 1	305	19,563	3 8	743

(Turn to Page C25)

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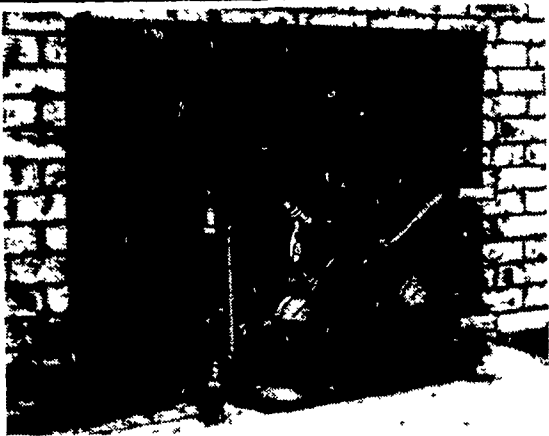
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Lancaster Co. DHIA

(Continued from Page C24)

R & R Burkholder	GrH	3 0	305	18,699	4 0	743
48						
Amos M Stoltzfus	RH	4 1	305	21,366	3 5	742
Rosa						
Robert M Mylin	GrH	5 4	297	19,134	3 9	742
Ella						
Joy	RH	3-5	305	20,490	3 5	724
Shelly	GrH	4 0	294	15,292	4 6	703
Hiram S Aungst						
Alice	RH	6-9	299	21,645	3 4	741
Sandy	RH	4 9	293	21,517	3 4	739
R Larry Miller						
122	RH	4 10	305	17,802	4 2	741
56	RH	4 2	305	20,932	3 4	717
Rohrer Brothers						
Sandy	RH	5 3	305	20,693	3 6	740
Robert & Joyce Wagner						
Flavia	RG	3 1	305	13,677	5 4	740
Earl E Martin						
Ruby	RH	5 6	305	19,284	3 8	738
Mamie	RH	4 3	295	18,491	3 9	712
David D Zimmerman						
Johanna	RH	4 6	305	18,140	4 1	738

Lulubel	RH	5-3	305	16,781	4 3	719
Raelena	RH	6 3	305	17,201	4 1	700
John B Groff						
11	GrH	4 0	305	21,088	3 5	736
Joseph Ferguson						
38	GrH	7 10	305	16,656	4 4	736
70	GrH	9 5	305	21,016	3 4	709
Danda Farms						
Maggie	RH	8-2	305	17,946	4 1	735
Neff Brothers						
Hedda	RH	4 8	305	20,759	3 5	734
Henr. H Palmer						
Julia						
Paul S Sauder						
Carlota	RH	5 4	305	18,963	3 9	734
Albert H Mellinger						
Lois	RH	6 1	305	23,438	3 1	733
Janet	GrH	8-10	305	21,614	3 4	725
Marlene	GrH	4 5	305	19,518	3 6	710
G & J Hershey Bros						
Lillian	GrH	3 5	305	20,674	3 5	731
Carla	GrH	3 4	305	18,378	4 0	726
Paul N Brubacher						
102	RH	5 0	305	20,999	3 5	730
Harry L Troop						
Tina	RH	9 3	297	18,467	4 0	730
J Earl Horst						
Fathom	RH	6 10	293	18,189	4 0	730
LeRoy S Weaver						
Mattie	GrH	4 1	298	18,956	3 8	729
Jonas B Lantz						
Arlene	RH	6 4	305	21,146	3 6	728
Paul M Fahnestock						
70	RH	3 4	275	18,162	4 0	728
39	GrH	4 1	305	23,253	3 1	727
37	RH	7 6	305	20,895	3 5	725
Nelson H Hershey						
Angie	RH	5 0	305	19,177	3 8	725
Paul S Zimmerman						
18	GrH	6 6	305	17,380	4 2	725
Alvin J Glick						
Roberta	RH	5 4	305	19,680	3 7	724
Donald L Hershey						
25 Elta	RH	5 4	305	16,483	4 4	724
Elmer H Weber						
Lily	GrH	4 11	305	20,912	3 5	723
Harvey E Heller						
19	GrH	3 3	305	19,687	3 7	723
Tom & John Harnish						
Spot	GrH	7-7	305	18,813	3 8	722
Irwin W Engle						
85	GrH	5 5	305	18,706	3 9	722
Jonas E Stoltzfus						
7	RH	3-5	305	20,988	3 4	721
Elam Petersheim						
Prissie	RH	3-9	305	19,076	3 8	721
A Dale Herr						
95	GrH	9 4	305	17,826	4 0	721
Willow Birch Farm						
Eva	GrH	4 1	305	16 882	4 3	721
Elvin H Hess						
Pearl	RH	5 1	305	18,575	3 9	719
Robert G Hershberger						
26	GrH	4 2	305	19,275	3 7	718
James G Kreider & Son						
98	RH	6 7	305	17 339	4 1	718
Ammon E Reiff						
Design	RH	4 4	305	22,599	3 2	717
Dennis Shellenberger						
96	RH	8 5	305	18,346	3 9	717
58	GrH	5 1	305	18 189	3 9	701
C Nevlin Hershey						
Queen	RH	10 7	305	20 173	3 5	716

Lancaster Farming, Saturday, November 29, 1980—C25

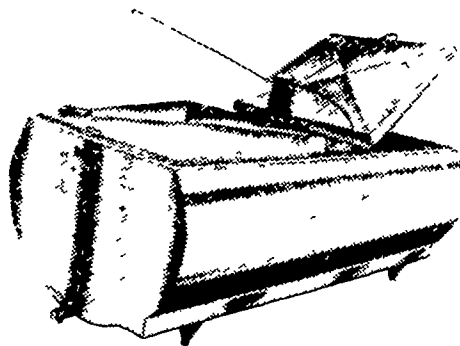
Pam	RH	8 0	286	20,194	3 5	704
Roy M Eager						
Margie	RH	6-5	305	18,473	3 9	716
Harry H Ranck Jr						
Bev	RH	5-1	270	18,262	3 9	716
Dawn	RH	5 6	301	20,024	3 6	713
Jay C Garber						
41	RH	7 5	305	20,787	3 4	715
136	RH	6-6	305	21,586	3 3	703
P Robert Wenger						
Cary	RH	4 1	305	20,279	3 5	715
Clara	RH	4 2	305	19,140	3 7	715
Richard H Hess						
Babe	RH	6 1	305	23,541	3 0	713
John J Landis						
Bisque	RH	6 3	305	19,151	3 7	713
Harvey W Stoltzfus						
Red	RH	3 8	305	16,766	4 3	713
H Landis Weaver						
Lovely	RH	3 7	305	21,425	3 3	712
Amos W Breneman						
Danda	GrH	7-2	305	16,999	4 2	712
Lenewood Farm						
Holly	RH	7-2	305	18,410	3 9	711
Kay	RH	5-3	305	20,204	3 5	707
Ira D Welk & Sons						
Joyce	RH	7-1	305	19,610	3 6	709
Aaron B Lantz						
Corie	RH	5 4	280	19,294	3 7	709
Hinda	RH	2-2	305	22,329	3 1	700
S & A Kreider & Sons						
124	GrH	8-4	305	15,905	4 5	709
Stephen F Stoltzfus						
Eva 40	RH	3 0	305	21,575	3 3	707
Samuel K Stoltzfus						
Holly	GrH	3-2	305	20,403	3 5	707
John E Glick						
Margie	RH	6 7	291	18,704	3 8	707
John S Beiler						
Nora	RH	7-1	305	18,249	3 9	707
John W Martin Jr						
53	GrH	6-7	305	17,608	4 0	707
Jacob S Stoltzfus						
Belle 17	RH	4 1	292	20,930	3 4	704
C Robert Greider						
22	GrH	5 1	305	17,986	3 9	704
Jay L Ranck						
Taffy	RH	7 3	305	20,318	3 5	703
Wilbur N Erb						
25	RH	5 10	292	17,698	4 0	703
Albert Breneman						
44 Rumba	RH	4 4	305	17,513	4 0	703
Mervin L Stoltzfus						
41	GrH	5 2	305	15,797	4 5	703
Benuel E Stoltzfus						
Ruth	GrH	7 4	305	16,773	4 2	701

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Nelson H Wenger	RH	44 3	88 6	49 2	4 5	2 20
John O Stoltzfus	RH	42 3	98 7	57 6	3 8	2 18
Curtis E Akers	RH	61 6	93 3	55 0	3 7	2 06
Tritown Farm	RH	32 0	87 8	54 5	3 7	2 03
John P Lapp	RH	40 4	90 2	51 1	3 9	1 95
Robert Kauffman	RH	66 2	85 3	50 4	3 8	1 94
H Musser & Son	R&GrH	52 0	94 0	51 4	3 8	1 94
Glenn Burkholder	R&GrH	63 7	89 3	52 7	3 7	1 94
Aaron Z Martin	R&GrH	27 6	95 0	51 1	3 8	1 94
Paul V Nissley	R&GrH	77 3	97 2	55 0	3 5	1 91

(Turn to Page C26)

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Lancaster Co. DHIA

(Continued from Page C25)

Harold G. Shelly	RH	29.4	87.3	52.0	3.7	1.91
Henry U. Stoltzfus	R&GrH	44.8	88.2	51.2	3.7	1.90
Aaron E. Beiler	RH	22.0	96.6	50.5	3.7	1.89
Calvin D. Beiler	RH	49.1	97.6	54.2	3.5	1.88
Paul & Marvin Herr	RJ	36.5	90.9	39.4	4.8	1.88
J. Mowery Frey Jr.	RH	76.4	88.4	48.9	3.8	1.87
Nelson W. Nolt	R&GrH	57.9	91.0	50.0	3.7	1.87
Donald R. Bare	RH	66.2	92.4	47.9	3.9	1.86
Russel L. Kline	RH	39.8	82.1	49.3	3.8	1.86
Paul B. Zimmerman	RH	38.0	90.8	48.2	3.8	1.85
Marvin K. Witmer	RH	62.0	92.5	50.6	3.6	1.84
K. D. & Elsie Linde	RG	45.1	92.4	41.2	4.4	1.83
Gusty Crest Farm	R&GrH	30.8	92.9	47.4	3.9	1.83
Springarden Farm	RH	81.6	89.1	49.7	3.7	1.83
A. & J. Zimmerman	R&GrH	28.6	92.3	51.3	3.6	1.83
Gerald Martin	RH	48.8	91.1	49.4	3.7	1.82
Jacob S. Stoltzfus	R&GrH	43.6	90.3	52.6	3.5	1.82
Glenn P. Book	RH	36.3	93.2	47.1	3.9	1.82
Ivan S. Stoltzfus	RH	48.6	91.4	47.4	3.8	1.81
Aument & Schaub	R&GrH	8.0	100.0	40.1	4.5	1.81
Robert Kauffman Jr.	RH	101.5	84.6	47.7	3.8	1.80
Wenger Brothers	RH	43.4	92.5	52.3	3.4	1.79
Abraham Shelly Jr.	R&GrH	67.9	89.0	52.3	3.4	1.79
Lenwood Farm	GrH	57.7	83.7	46.9	3.8	1.79
Robert Martin	R&GrH	56.2	83.3	45.6	3.9	1.79
Elmer M. High	RH	48.5	88.0	51.3	3.5	1.79
Benueel Z. Lapp	R&GrH	35.1	91.7	50.3	3.5	1.78
John O. Stoltzfus	R&GrH	45.1	82.9	43.0	4.1	1.78
H. Zimmerman Jr.	R&GrH	47.9	84.3	47.9	3.7	1.78
Benueel Stoltzfus	GrH	64.0	96.3	48.1	3.7	1.78
David S. Zimmerman	R&GrH	47.7	91.9	47.7	3.7	1.78
Eli H. Weiler	RH	22.8	88.8	44.5	4.0	1.77
Daniel J. Martin	RH	36.4	80.8	45.2	3.9	1.77
Jonas E. Zook	RH	28.0	86.8	48.1	3.7	1.77
Ru Be Mar Farms	RH	37.2	87.3	48.6	3.6	1.77
Robert L. Shelly	R&GrH	34.4	93.5	50.7	3.5	1.76
John O. Stoltzfus	R&GrH	37.3	90.1	42.8	4.1	1.76
Mervin Sauder	RH	39.9	88.7	45.6	3.9	1.76
John U. Glick	R&GrH	50.0	85.6	46.8	3.8	1.76
D. & S. Weaver	R&GrH	58.7	92.3	48.7	3.6	1.76
Nelson W. Nolt	R&GrH	33.0	87.9	51.9	3.4	1.76
Moses M. Beiler	RH	67.1	87.3	45.5	3.9	1.76
Paul D. Welk	RH	50.8	98.0	46.7	3.7	1.75
Glenn C. Hershey	RH	104.1	89.0	46.2	3.8	1.75
Edgefield Farms	R&GrH	36.0	90.8	47.2	3.7	1.75
Mervin Sauder	RH	42.9	87.1	44.9	3.9	1.75
Spring Belle Farm	RH	75.0	86.1	44.9	3.9	1.75
Shellenberger Bros	R&GrH	60.2	90.5	47.7	3.7	1.75
G & J Hershey Bros	R&GrH	33.8	82.7	46.5	3.8	1.75
Ephraim Riehl Jr.	R&GrH	52.8	94.0	42.8	4.1	1.75
Daniel Stoltzfus	RG	134.4	85.8	35.9	4.8	1.74
Cedar Fringed Farm	R&GrH	30.3	93.4	46.0	3.8	1.74
John D. Martin	RH	45.1	91.1	44.7	3.9	1.73
E. R. & E. Denlinger	RH	158.2	87.7	47.3	3.7	1.73
John M. Harnish	RH	41.6	89.3	52.1	3.3	1.73
Allen L. Stoltzfus	RH	56.0	83.8	48.5	3.5	1.72
Hiram S. Augst	RH	41.0	89.7	46.1	3.7	1.72
Paul E. Martin	R&GrH	52.0	90.1	50.6	3.4	1.72
Lloyd E. Miller	R&GrH	104.8	86.4	47.0	3.7	1.72
Raymond M. Weaver	RH	30.5	91.4	48.4	3.6	1.72
Samuel B. Lapp	RH	41.8	92.0	43.7	3.9	1.72
Robert Metzler & Son	RH	32.5	83.6	43.8	3.9	1.72
Naaman W. Stoltzfus	R&GrH	50.1	92.2	46.2	3.7	1.72
Jacob L. Stoltzfus	RH	33.0	76.9	45.5	3.8	1.71
Richard N. Sauder	RG	69.0	91.9	35.2	4.9	1.71
R. & Louis Witmer	R&GrH	30.6	85.5	42.8	4.0	1.71
Amos F. Miller	R&GrH	49.2	83.9	47.3	3.6	1.71
Weaver & Burk	R&GrH	38.0	83.4	49.1	3.5	1.71
Donald B. Miller	R&GrH	226.6	85.9	45.6	3.8	1.71
R. Rohrer & Sons	RH	110.9	88.0	45.9	3.7	1.70
Clyde W. Martin	R&GrH	32.0	91.4	45.4	3.7	1.70
Emanuel B. Lapp	RH	37.0	92.0	47.4	3.6	1.70
Daniel S. Esh Jr.	R&GrH	79.0	84.8	45.1	3.8	1.70
Brubacher & Martin	R&GrH	49.3	89.6	46.4	3.7	1.70
John M. Zimmerman	RH	49.3	90.4	48.3	3.5	1.69
Swaying Maple Farm	R&GrH	68.0	78.6	46.0	3.7	1.69
J. & Shirley Hershey						
Samuel Martin Jr.						

Ivan M. Hursh	R&GrH	34.3	92.1	41.0	3.6	1.69
David D. Zimmerman	R&GrH	48.7	93.6	41.4	4.1	1.69
Jonas B. Lantz	RH	35.1	90.8	46.9	3.6	1.69
Dan L. Stoltzfus	RH	30.7	88.0	42.9	3.9	1.69
Daniel E. Fisher	RH	41.0	84.0	44.7	3.8	1.69
Welsh Vista Farms	RH	82.8	83.5	44.2	3.8	1.69
Melvin R. Eby	RH	51.0	91.7	45.8	3.7	1.68
Roy & Ruth Book	RH	46.5	91.8	45.6	3.7	1.68
J. Kreider & Son	R&GrH	161.0	87.8	45.0	3.7	1.68
Joseph L. Fisher	GrH	37.0	92.0	47.4	3.5	1.68
Water Flow Farm	RH	45.6	89.0	47.3	3.6	1.68
J. Wilmer Eby	R&GrH	77.9	87.0	45.7	3.7	1.68
John S. Beiler	RH	34.0	91.3	43.1	3.9	1.68
David L. King	R&GrH	42.0	93.4	47.0	3.6	1.68

Del. to hold county crops meetings

CLAYTON, Del. — Crops meetings have been scheduled for all three Delaware counties. Meetings for New Castle and Kent county farmers will be held at the Clayton Fire Hall on Tuesday, December 2 and the Felton Fire Hall on Friday, December 5, from 9:30 a.m. to 3 p.m.

The program will be the same at both meetings. Topics covered will include how to determine custom rates; full season sold seeded no-till soybeans and other soybean cultural practices, black cutworms - their life cycle and control, efficient corn fertilizer programs; use of cover crops as a nitrogen source; the nuts and bolts of no-till; and a review of last summer's corn irrigation program.

There will be a pay-as-you-go soup and salad lunch served by the ladies' auxiliary of the fire hall at each meeting.

The meeting for Sussex county farmers will be held Tuesday December 16 at the University of Delaware's Georgetown Substation. The program will include talks on: producing small grain; evaluation of soybean varieties; the 1981 pest outlook; energy in agriculture; efficient fer-

tizer practices; and how to control the "tough" weeds.

The meeting will start at 9:30 a.m. and end at 3 p.m.

All three meetings are sponsored by the Delaware Cooperative Extension Service. Check with the county extension agent in 302/738-2506, Dover 736-4675, or Georgetown 856-5250 for further information.

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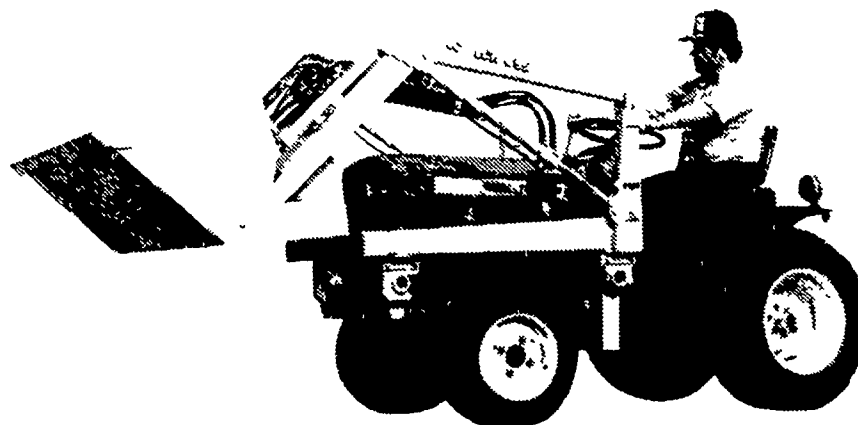
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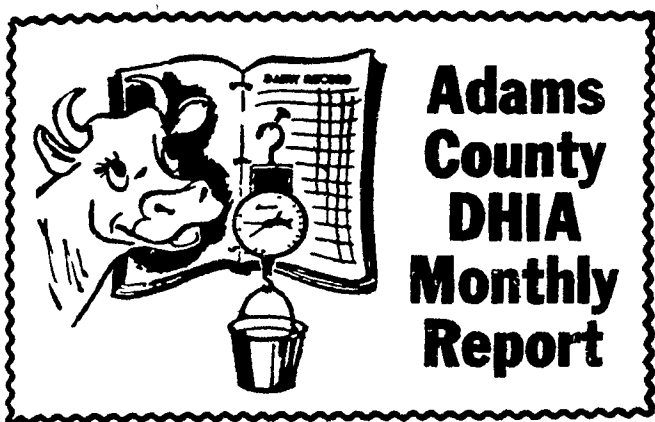
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Adams County DHIA Monthly Report

October 1980

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Noel & Holmes	3	530	89.3	51.8	4.2	2.18
Roy A. Weaner, Jr	3	565	89.2	58.1	3.7	2.15
Noel & Holmes	3	535	89.1	54.4	3.8	2.08
Stoner Bros Dairy	G3	740	88.9	55.0	3.7	2.06
Piney Lane Guernseys	2	610	93.5	38.7	5.2	2.03
Brown Valley Farm	3	703	87.4	49.1	4.1	2.00
Piney Lane Guernseys	2	619	88.9	39.0	5.1	1.99
William Myers	B3	354	91.3	54.0	3.5	1.91
Kling Ayr Farms	3	388	86.3	51.7	3.6	1.87
William C. Mearns, Jr	B3	872	96.8	46.4	4.0	1.86
Eugene Witter	B3	594	87.3	47.1	3.9	1.86
Yellow Buttercup Farm	3	1204	88.2	45.8	4.0	1.84
Buttonwood Farms	3	1133	89.4	49.5	3.7	1.83
Leroy Deputy	B3	1271	86.1	55.0	3.3	1.83
Stone Manor Dairy	3	481	79.7	49.5	3.6	1.77
Penn Gate Farm	3	360	93.1	46.9	3.8	1.76
Kraybill Miller	B3	393	82.3	42.7	4.1	1.73
Leroy Basehoar	B3	647	93.1	47.1	3.6	1.71
Penn Gate Farm	3	369	90.0	48.7	3.4	1.64
Richard Mills	G3	543	91.7	40.2	4.1	1.63
Ray Dutterer	G3	609	84.7	42.5	3.8	1.63
Weim Sharr Farms	3	702	81.8	42.0	3.9	1.63
Adam F. Lobaugh	3	431	79.6	41.0	4.0	1.62
Donald Todt	B3	438	89.0	46.5	3.5	1.62
Richard K. Herr	B3	788	86.7	45.9	3.5	1.60
Lagging Stream Farm	B3	1097	79.9	40.5	3.9	1.59
Yellow Buttercup Farm	3	1098	83.7	42.4	3.7	1.57
Robert L. Rohrbaugh	G3	612	88.6	45.3	3.5	1.57
M R & C S Duroboraw	B3	478	98.3	42.9	3.6	1.56

Roger L. Sprague	B3	620	89.5	41.2	3.8	1.56
Richard K. Herr	B3	740	83.4	43.6	3.5	1.54
James E. Miller	2	310	86.6	30.2	5.1	1.53
El Rho Farm	3	569	81.4	42.6	3.6	1.53
Shamrock	B3	596	79.3	42.3	3.6	1.52
Getty Acres	B3	1727	80.5	41.8	3.6	1.52
Ber Crk	3	610	90.7	37.7	4.0	1.49
Adam F. Lobaugh	3	397	81.0	40.3	3.7	1.48
Zeppdale Farms	B3	1080	83.6	38.9	3.8	1.48
Wayne H. Rodgers	B3	769	79.5	37.6	3.9	1.45
Grove Bros	B3	731	79.9	42.0	3.5	1.45
Grove Bros	B3	714	77.6	40.6	3.5	1.44
Pennstead Farm	3	444	87.3	39.7	3.6	1.42
Robel Acres	3	1021	85.8	41.9	3.4	1.41
Pennstead Farm	3	431	85.0	40.4	3.4	1.39
Robel Acres	3	1010	77.0	39.1	3.5	1.38
Terrence P. Murren	B8	188	90.5	26.3	5.1	1.35
William G. Inskip	G3	608	79.7	31.8	4.2	1.34
Way Brite Farms	B3	1223	83.8	34.2	3.9	1.33
Pleasant Acres	3	590	76.6	34.2	3.9	1.32
Claude Holmes, Jr	3	406	67.5	32.6	4.0	1.32
Ber Crk	3	625	86.0	32.4	4.1	1.32
John J. Hess	B3	1045	81.7	36.0	3.6	1.29
Robert & Linda Meyers	B3	584	82.5	34.1	3.8	1.28
Oscar E. Mehrling	B8	360	88.6	33.1	3.8	1.27
Frank Ludwig	B3	376	74.4	33.3	3.8	1.26

All complete lactations of 600 lbs. fat or more

OWNER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Noel & Holmes						
Lalla	3	5-9	305	23,584	2.9	695
Ripple	3	3-6	305	19,731	4.1	816
Trudie	3	2-3	305	16,817	3.6	601
Santee	3	2-1	305	21,091	3.3	693
Stoner Bros Dairy						
Ellie	3	6-3	305	21,395	4.7	1004
Patty	3	5-9	305	20,331	3.2	642
Ursula	3	5-9	305	19,941	4.8	966
Brown Valley Farm						
Evie	3	9-0	305	24,385	3.2	786
Glory	3	5-0	305	19,461	3.5	687
Vanity	3	3-5	302	18,807	3.5	654
Penn Gate Farm						
Crabbey	3	9-4	305	18,948	4.0	758
Nellie	3	10-11	305	14,592	4.6	675
Vickie	3	8-7	305	27,915	3.2	892
Gail	3	12-1	305	20,004	4.1	811
Pennstead Farm						
Erma 18	3	4-10	305	20,798	3.2	672
Adam F. Lobaugh						
Verdell	3	6-2	305	19,454	4.1	798

Lancaster Farming, Saturday, November 29, 1980—C27

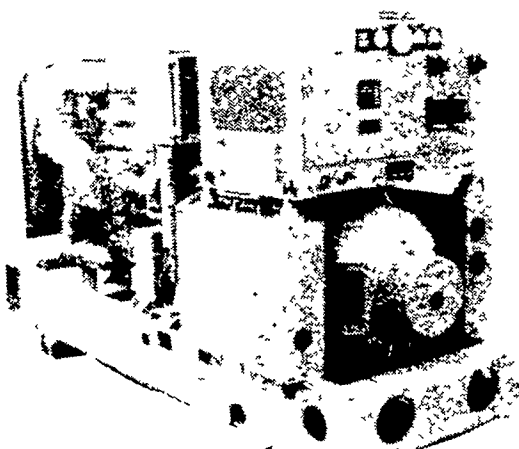
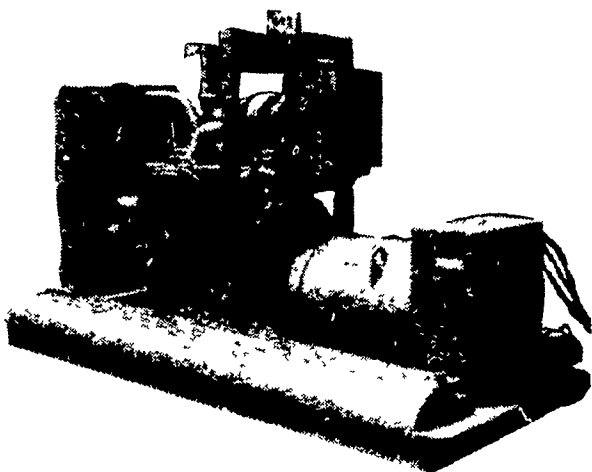
Edith	3	4-1	305	21,209	3.4	724
Sadie	3	4-0	293	16,070	4.5	724
Jan	3	3-3	305	20,276	3.4	686
Joanie	3	3-4	298	19,572	3.6	698
Olga	3	1-11	305	18,018	3.5	630
Robel Acres						
176	3	6-0	305	21,384	3.4	725
173	3	6-0	305	16,247	3.9	632
190	3	5-1	305	16,466	4.3	713
6	3	5-2	305	17,559	3.9	679
5	3	4-11	305	18,522	3.3	616
68	3	3-4	305	18,556	3.5	642
89	3	3-4	305	18,543	3.3	618
Piney Lane Guernseys						
Promo	2	11-6	305	16,306	4.6	757
Peacock	2	4-10	305	13,717	5.3	730
Elanaga	2	5-10	305	14,802	5.1	756
Perlene	2	4-0	305	15,519	4.8	743
Virginia	2	3-0	305	13,890	5.0	699
Linda	2	11-11	305	16,482	4.4	719
Patsy	2	2-6	305	15,093	4.6	690
M J Starner & Sons						
138	3	8-4	280	17,341	4.1	716
163	3	1-11	305	17,762	3.8	671
Frank Ludwig						
Kelly 132	3	7-6	305	18,060	3.9	702
Leroy Basehoar						
2	3	5-3	305	16,422	3.8	619
Donald Todt						
Rosie	3	7-0	298	19,691	3.7	731
Flo	3	5-5	305	17,087	3.7	638
Kraybill Miller						
Rachel	3	9-11	305	19,866	3.5	698
Buttonwood Farms						
Admiss	3	7-11	305	21,699	3.6	788
Dinah	3	6-7	305	19,530	3.9	769
Lady	3	5-0	305	23,894	3.1	750
Carla	3	4-1	305	16,599	4.9	810
Darlene	3	3-8	305	16,631	4.0	667
Berry	3	3-5	305	20,819	3.3	689
Rosalie	3	3-3	257	17,781	3.5	618
Terri	3	2-3	305	21,621	3.0	646
Pepto	3	2-9	305	17,562	3.3	676
Sheba	3	2-4	305	19,038	3.4	656
Diana	3	2-4	296	17,087	3.8	653
James E. Miller						
Karen	2	2-2	205	13,108	4.7	613
Lagging Stream Farm						
Pat	3	7-4	299	16,005	4.9	779
Bright	3	7-1	298	16,486	4.0	661
Cathy	3	8-9	305	20,276	3.7	758
Melody	3	5-3	296	16,067	3.8	611
Silky	3	4-11	305	18,531	3.4	631
Grace	3	4-3	284	17,335	4.1	705
John J. Hess						
94R	3	5-8	305	19,521	3.5	686
116R	3	0-0	298	18,270	3.4	629
Miss	3	3-10	305	20,704	2.9	600
68 R	3	3-1	305	18,902	3.6	673
William G. Inskip						
89	3	0-0	305	17,647	3.7	649
Ray Dutterer						
Linda	3	9-2	305	20,566	3.6	737
Gay	3	5-7	305	21,427	3.4	737
Alice	3	5-3	305	21,511	4.5	962
Lucy	3	5-1	305	16,833	4.2	710
Bow	3	4-11	242	15,561	4.2	660
Judy	3	4-2	305	28,152	2.8	795
Gwen	3	2-3	305	16,294	4.3	702
Shamrock Farm						
66	3	5-9	305	20,297	4.0	816
El Rho Farm						
Bright	3	6-11	305	17,005	4.1	703
Surpris	3	6-4	305	17,524	4.3	745
Robert & Linda Meyers						
41	3	7-11	305	16,451	3.7	609
67	3	7-3	305	17,096	4.2	715
99	3	7-2	279	17,149	3.6	618
24	3	5-3	301	17,939	3.4	609
78	3	5-11	305	19,201	3.9	750

(Turn to Page C28)

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Adams Co. DHIA

(Continued from Page C27)

Yelow Buttercup Farm					
80	3	109	251	17,550	36 637
1	3	82	305	19,156	40 774
26	3	73	305	22,625	41 936
30	3	70	305	20,292	38 780
47	3	611	305	18,481	37 686
90	3	62	305	23,633	32 768
48	3	70	305	16,298	40 652
59	3	411	305	19,175	41 785
87	3	39	305	18,508	37 684
21	3	211	305	19,344	36 697
74	3	33	305	14,940	43 637
100	3	31	305	19,435	40 785
107	3	22	305	19,272	40 777
35	3	21	305	19,349	36 687
Wayne H. Rodgers					
Gertie	3	46	305	17,215	44 749
Elaine	3	43	299	20,425	30 605
Roger L. Sprague					
Amy	3	33	305	15,500	43 670
Weim Sharr Farms					
25	3	85	305	23,444	41 957
91	3	116	305	16,840	37 629
144	3	53	305	20,353	31 633
38	3	91	305	26,327	33 860
16	3	36	305	19,552	34 669
67	3	31	305	18,214	37 671
100	3	210	305	23,466	34 804
111	3	23	305	18,144	33 605
121	3	29	305	16,526	36 601
20	3	28	305	17,435	39 675
William C. Mearns, Jr.					
12	3	60	305	15,794	39 612
35	3	52	305	16,529	37 619
70	3	210	301	14,890	42 623
Grove Bros					
43	3	57	305	23,408	39 903
14	3	49	305	20,004	33 654
258	3	46	288	17,019	38 647
55	3	40	283	18,639	41 763
15	3	35	290	16,130	38 610
28	3	35	305	14,596	47 681
Eugene Witter					
Cindy	3	310	298	14,924	43 639
Leroy Deputy					
Cookie	3	511	305	24,340	35 861
Phyllis	3	53	305	24,116	29 701
Jessie	3	45	305	23,658	43 1021
Thelma	3	47	305	23,818	30 703
Sugar	3	34	305	17,087	35 606
Claude Holmes, Jr.					
Bunnie	3	90	305	19,114	35 655
Getty Acres					
133	3	43	266	14,366	42 604
71	3	64	288	18,582	39 728
135	3	41	302	17,519	38 672
Zeppdale Farms					
94	3	58	305	17,944	38 679

AVONDALE — A representative of the U.S. Department of Agriculture will speak to Chester County Farmers Union members and the general public about the formation of a mushroom handling cooperative.

The meeting is slated for Wednesday, December 3 at 7:30 p.m., at the Springs Valley Inn, Avondale.

In announcing the meeting, Chester County Farmers Union president John Kimble said the USDA will send a representative from their Farmer Co-operative Service to explain and answer questions about

the feasibility of a mushroom co-operative.

"We hope a co-operative would bolster our already sagging industry in Chester County" Kimble said. "We want growers to be in attendance to offer suggestions, and to ask questions of USDA personnel."

Kimble said members will discuss mushroom marketing and bargaining as a means of helping the industry during and after the recently imposed tariff increases expire.

"The Farmers Union has worked hard to find a means of relief for the growers."

113	3	510	305	21,240	31 661
121	3	611	305	18,653	34 632
127	3	59	305	19,863	42 830
28	3	111	305	17,101	35 602
Stone Manor Dairy					
Atalie	3	45	287	21,665	30 657
Donna	3	40	305	25,748	30 782
Ber Crk					
Babe	3	611	305	17,897	42 746
Mona	3	50	305	16,858	37 626
Candy	3	45	305	17,456	39 681
Eva	3	40	279	17,143	37 630
Richard K. Herr					
106	3	80	305	23,203	33 757
35	3	411	305	20,671	30 630
Elletta	3	42	305	17,427	37 637
39	3	38	305	19,910	40 787
126	3	32	305	22,160	37 827



Chester Farmers Union to meet

Now that a temporary relief has been granted, we must work again to find a permanent solution to battle imports."

Kimble said growers for

some time have voiced an interest in forming a co-operative. "This meeting is the first step, so it is important that every grower attend."

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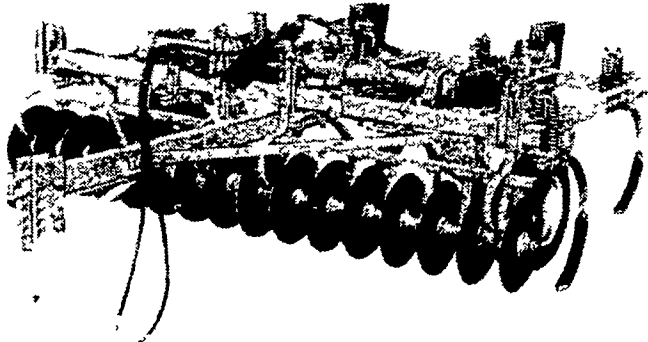
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Dauphin County DHIA Monthly Report

October, 1980
Daily averages above 10 lbs fat

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Robt H Beach Jr	H	47.4	89.0	47.1	3.8	1.80
Earl Campbell	H	50.9	90.8	41.5	4.3	1.77

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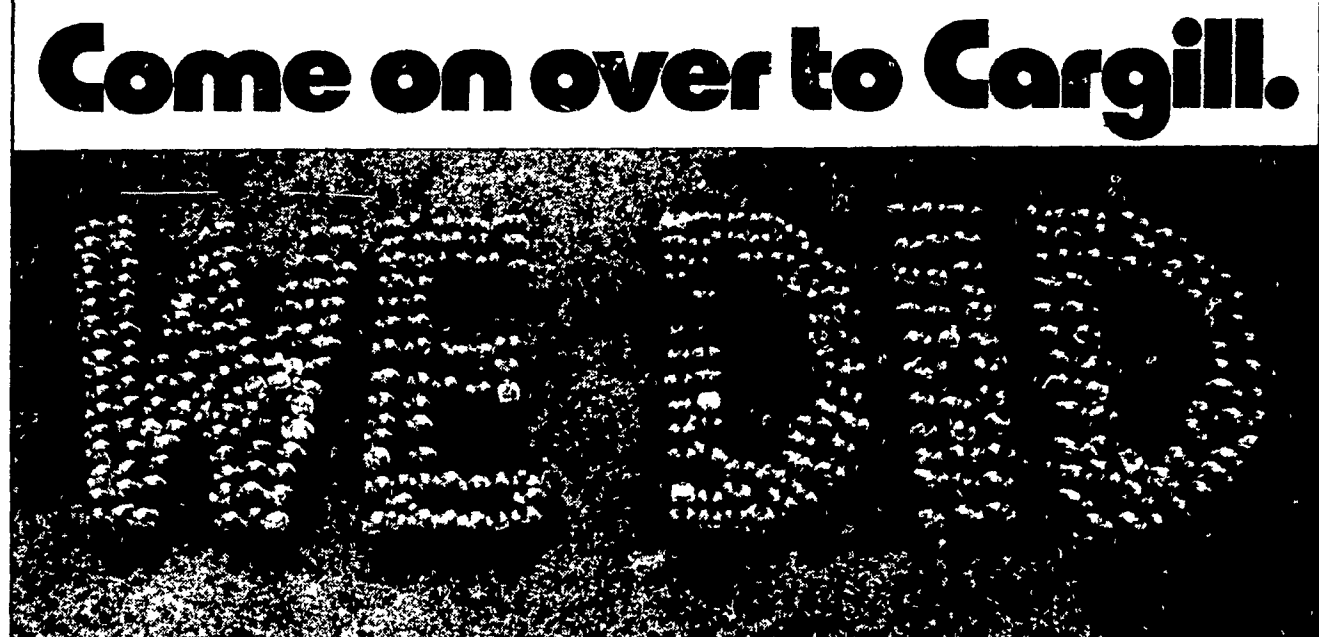
NAME
STREET.....
CITY.....
STATE..... ZIP.....

Conewago Farms	H	81.6	90.1	41.0	4.2	1.73
Larry L Boyer	H	23.7	92.5	48.3	3.6	1.73
Robert J Schaffer	H	63.9	82.8	42.1	4.0	1.70
J Melvin Brandt	H	67.0	83.4	43.1	3.9	1.70
Lauden Farms	H	120.0	90.2	46.4	3.6	1.68
Great View Farms	H	46.8	81.6	43.9	3.8	1.65
John Hertzler	H	67.8	86.5	45.4	3.6	1.64
Roy C Wilbert	H	18.6	99.5	44.7	3.7	1.64
Conewago Farms	H	79.1	91.0	41.4	3.9	1.63
Wil Lene Farms	H	54.9	81.3	47.2	3.4	1.62
J Melvin Brandt	H	68.2	82.9	42.5	3.8	1.60
Wilmer Campbell	G	59.4	90.7	33.3	4.7	1.58
Restful Acres	H	64.8	81.1	43.3	3.6	1.56
J Richard Alwine	H	48.7	92.4	40.5	3.8	1.55
Lytle Farms, Inc	H	94.8	87.0	44.0	3.5	1.54
Lebo Brothers	G	37.5	93.2	31.1	4.9	1.52
Roy M Brubaker	H	54.1	87.7	44.1	3.4	1.51
Earl E Keefer	A	83.8	82.2	35.9	4.2	1.50
Mahlon L Lehman	H	47.3	84.5	40.3	3.7	1.49
John Roy Book	H	51.3	86.1	42.8	3.5	1.48
Isaac Newswanger	H	46.0	87.7	39.8	3.7	1.48
Henry Keiter	H	42.4	87.6	36.5	4.0	1.47
Elwillo Farms	Mix	108.0	84.6	41.5	3.5	1.47
Catalpa Farms	H	105.4	74.9	39.1	3.7	1.46
James Leshner	H	40.6	88.0	40.4	3.6	1.45
Stoney Lawn Farms	H	103.2	79.4	37.5	3.8	1.44
Sher Mar Acres	H	40.9	89.5	40.1	3.6	1.44
Calvin B Mauser	G	73.8	88.8	29.7	4.7	1.40
Dale F Faust	H	35.2	79.7	37.9	3.7	1.40
Harold M Nissley	H	45.2	80.1	39.5	3.5	1.39
Roy M Brubaker	H	54.0	77.4	37.9	3.7	1.39
Raymond Bolack	H	67.9	97.0	38.4	3.6	1.39
Robert Oellig	H	31.2	85.2	38.1	3.6	1.36
Stanely R Long	H	64.5	87.6	37.9	3.6	1.35
Arthur Brandt	H	94.0	78.8	36.1	3.6	1.31
Bryncoed Fm Jersey	J	126.6	95.0	24.8	5.2	1.30
Stanley R Long	H	65.9	82.9	35.3	3.7	1.30
Lee R Sweigard	H	20.9	92.0	36.9	3.5	1.29
Homer Campbell	H	73.9	86.9	32.6	4.0	1.29
Elwood Zell	H	49.0	84.9	41.2	3.1	1.29
Franklin Wagner	Mix	44.2	77.8	29.7	4.3	1.27
Raymond Bolack	H	67.0	96.3	34.1	3.7	1.26
Walter Schaffer	H	37.2	88.7	30.4	4.1	1.24
F Wagner, Jr	Mix	59.0	81.0	30.9	4.0	1.24
Donald M Deemar	H	42.0	76.3	31.1	3.9	1.21
Robert N Miller	G	16.6	87.0	25.7	4.6	1.18
Gary E Miller	H	65.8	70.0	34.2	3.4	1.17
Donald Engle	H	72.0	77.3	30.2	3.8	1.14
Floyd Feidt	Mix	82.1	81.6	29.0	3.7	1.07

OWNER	NAME OR NUMBER	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Bryncoed Farm Jersey	101	6.9	11,389	5.1	579
John Hertzler	Audrey	4.4	16,756	4.3	714
	Sue	5.7	18,631	3.5	650
	Trina	2.0	14,352	3.5	503
	Babs	2.4	15,037	3.5	527
	June	1.11	14,284	3.9	558
Conewago Farms	Sena	12.10	21,462	3.4	721
	Annie	6.1	22,701	3.4	762
	Model	5.6	18,029	3.7	675
	GR 6 A	5.0	17,619	4.6	815

Hettie	4.2	21,062	4.3	905
Marcia	4.3	16,089	4.5	732
Janice	3.6	17,748	3.7	650
Wynne	3.3	16,327	3.4	554
Lois	3.4	13,752	4.0	549
Winnie	3.6	14,426	3.8	552
Roxie	2.2	16,043	3.7	600
Earl E Keefer				
Red	8.6	12,365	4.8	596
Gemini	4.5	18,585	3.5	644
Rachel	4.5	14,650	4.0	588
Jane	8.9	13,198	3.8	503
Bretta	2.8	13,919	3.9	541
Duck	2.7	14,051	4.3	609
Robert Oellig				
Junket	5.6	15,329	3.4	524
Daisy	4.0	16,354	4.2	692
Janette	4.9	17,543	3.7	642
Calvin B Mauser				
Felice	5.11	13,449	5.2	706
Mist	4.2	12,121	4.6	552
Marleen	3.1	12,307	5.3	654
Magnoli	2.0	10,967	5.2	570
Robert J Schaffer				
Rena	8.4	17,449	4.8	835
Pearl	6.3	18,847	4.8	897
Dee	5.3	25,204	3.8	955
Barb	4.1	23,706	3.9	921
Miriam	3.3	19,534	3.8	745
Freda	2.2	15,343	3.9	595
Dottie	2.3	15,092	3.5	529
John Roy Book				
Karin	6.4	17,736	3.8	680
Lee R Sweigard				
Becky	2.2	17,312	3.3	574
Stoney Lawn Farms				
Bridget	5.10	16,982	3.5	597
Cindy	5.6	21,611	3.0	650
Faith	3.9	18,514	3.5	655
Lady	3.3	15,588	3.8	599
Elaine	2.3	15,159	3.7	562
Bonnie	2.0	17,884	3.3	598
Lytle Farms, Inc				
Audie	9.2	15,831	3.4	537
Autena	6.10	15,183	4.0	600
Ollie	4.9	16,775	3.7	626
Sabra	3.8	16,660	3.4	563
Satin	3.0	12,800	4.0	515
Pam	2.4	17,115	3.1	539
Brenda	2.3	15,483	4.1	641
Eden	2.1	14,610	4.0	588
Floyd Feidt				
Anita B	8.1	14,221	4.3	609
Beet	4.2	16,401	3.6	595
Annbell	3.6	12,466	4.3	541
Raindro	3.5	12,667	4.0	511
Alice	3.9	11,450	4.7	539
Oakie	2.4	14,331	3.5	508
Dong	2.4	13,134	3.9	508
Mahlon L Lehman				
Joy	9.11	16,346	4.1	666
Tilly	7.1	14,040	3.7	513
Jenny	3.2	16,242	3.9	629
Tammy	2.2	13,640	3.7	508
Walter Schaffer				
Ora 10	2.7	14,291	3.5	503
J Melvin Brandt				
Shiela	8.3	17,195	3.9	668
Sandra	9.3	21,536	4.7	1018
Cindy	8.0	18,401	4.1	757
Jo Jo	5.4	16,666	3.9	651
Gloria	5.1	20,110	4.2	837
Emily	3.11	15,850	3.7	581
Josie	3.8	21,555	3.5	744
Cookie	2.7	15,476	3.9	599
Pepsi	2.7	14,065	3.6	500
Doris	2.8	17,051	3.4	585
Eileen	2.9	16,307	3.1	501
Wilmer Campbell				
Princes	6.9	18,877	4.5	857
Blondie	5.9	18,241	3.9	709
Pearl	5.5	14,618	4.1	597
Petal	5.7	14,091	4.6	645
Nova	5.9	12,464	5.5	685
Harold M Nissley				
Pam	10.5	14,317	3.7	535
Petie	8.9	18,244	3.1	562

(Turn to Page C31)



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National 4-H Congress begins Monday

13 members represent Delaware

DOVER — Thirteen Delaware 4-H members have been named state winners in the 1980 national 4-H awards program, according to James O. Baker, state 4-H leader. All of the winners will attend the National 4-H Club Congress in Chicago, November 29-December 4.

Winners include Kristen Rebecca Anderson, Wilmington - clothing, Karen Leigh Lowman, Landenberg, Pa. - dairy foods, Valerie Janice Moore, Bear - health, Jane Louise Niblett, Bear - horses, Deborah Lynn Stradley, Middletown - breads.

Denise Lynn Collison, Kenton - fashion revue, Jonathan Brooks Harcum, Laurel - automotive; Tami Jane Gundry, Seaford - foods and nutrition, Jonathan Brooks Harcum, Laurel - automotive, Christopher Allan Kittila, Seaford - photography, Stephen Walter Majchrzak, Jr.,

Seaford - swine, JoAnn Marie Massey, Seaford - consumer education.

Kirk Robert Messick, Seaford - dog care, Keith Everett Warrington, Bridgeville - woodworking.

Each of these young people was selected on the basis of outstanding work on a specific 4-H club project.

The purpose of the projects is to develop leadership talents and to help participants work toward the broad objectives of character development and effective citizenship. Award winners must also demonstrate knowledge and skills in their specific project areas.

During their week in Chicago, the Delaware 4-H members will join about 1800 other delegates from all parts of the country to attend meetings, hear nationally known speakers and participate in recreational activities.



JoAnn M. Massey, daughter of Mr. and Mrs. Richard Massey, Seaford, won the 4-H consumer education award.



Kirk R. Messick, son of Mr. and Mrs. LeRoy A. Messick, Seaford, won the 4-H dog care award.

New Jersey attends Congress

FLEMINGTON — Three Hunterdon County 4-H members will attend the 1980 National 4-H Club Congress in Chicago, Illinois. Susan Landany, 18, of Stockton, Michael Novak, 18, of Flemington and Barbara Vanden Berghe, 17, of Sergeantsville, have been selected as state winners in Sheep, Agriculture and Fashion Revue, respectively.

Susan Ladany, daughter of Mr. and Mrs. Ivan Ladany, has been a member of the Hunterdon County 4-H Sheep Club for seven years and a teen leader for three years. She has chaired many committees, served as a camp counselor and has been active on the Youth Council executive committee.

Susan's major activities have been sheep and leadership where she has received several honors. In 1979, she was awarded the Danforth Leadership Award and in 1980 was given an award for excellence in junior leadership which was sponsored and presented by Senator Walter Foran.

Susan is a freshman at Bucknell majoring in mathematics. She hopes, one day, to get back into the sheep business or to become involved in a 4-H program. Her trip is sponsored by the New Jersey Sheep & Wool Cooperative, Hunterdon County Board of Agriculture, New Jersey Hampshire Sheep Breeders Association, and the New Jersey Dorset Sheep Breeders Association.

Michael Novak, son of Mr. and Mrs. Joseph Novak, has been a member of the Hunterdon County 4-H Beef Club for six years and a teen leader for two years. Michael has held several office positions in his club and served on such committees as the Flemington Fair Tent, square dance, livestock, judges selection

and Beef Weendend committees. He has been a delegate of the Beef Council and was president of the group this year.

Michael's major 4-H project involves beef, for which he has won many awards. He has also carried projects in gardening, poultry, swine, square dancing and leadership.

According to Michael, he has enjoyed being a 4-H member, sharing his experiences and making friends with other youth who are involved in 4-H. Michael's trip is sponsored by International Harvester Company.

Barbara Vanden Berghe, daughter of Mr. & Mrs. Raymond Vanden Berghe, has been a member of the Sifting Stitches for eight years and has been a teen leader for three of those years.

While serving as a teen leader, Barbara helped with clothing judging and arranging for judges, refreshments, scoring sheets and judging the first two units in the clothing projects. She has served as chairman for a modeling and judging workshop, arranging for speakers and teaching modeling to twenty girls.

As a member of the County Clothing Council she has also helped to plan the Flemington Fair Fashion Show.

Since 1972 she has won many awards for her efforts including being selected Hunterdon County 4-H Queen.

After high school Barbara intends to major in home economics in college. She would like to pursue a career in the fashion industry. She says 4-H has definitely influenced her decision for her future plans. Simplicity Pattern Company is sponsoring her trip.

A total of 30 New Jersey 4-H'ers are attending the event.



Jane L. Niblett, daughter of Betty and Richard Niblett, Bear, won the 4-H award for horses.



Kristin R. Anderson, daughter of Richard and Barbara Anderson, Wilmington, won the 4-H award for clothing.



Tami J. Gundry, daughter of Blanche and John Gundry, Seaford, won the 4-H award for food and nutrition.



Valerie J. Moore, daughter of Mr. and Mrs. Irwin C. Moore, Bear, won the state 4-H award for health.



Keith E. Warrington, son of Everett and Catherine Warrington, Bridgeville, won the 4-H woodworking award.

Dauphin Co. DHIA

(Continued from Page C29)

Mae	3-3	15,236	3-5	529
Nettie	4-4			534
J Richard Alwine				
Dele	4-2	16,689	3-3	554
Stanley Wilt				
Mattie	5-0	17,368	3-2	562
3910	NG	15,774	3-8	596

Pair of Guernseys tops 17,000 pounds

LITTLESTOWN — Two registered Guernsey cows in the herd of Mervin K. Myers, Littlestown, have recently completed the top official DHIR actual production records, according to The American Guernsey Cattle Club.

All cows were milked two times a day. The testing was supervised by Penn State.

PINEY LANE NANCE EMLY, a seven year old, produced 17090 pounds of milk and 734 pounds of fat, in 305 days.

PINEY LANE WINSTON ATHENA, a four year old, produced 17260 pounds of milk and 865 pounds of fat, in 305 days.

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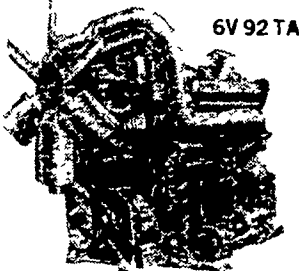
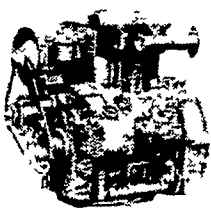
Lancaster Farming, Saturday, November 29, 1980—C31

Catalpa Farms	6-2	19,394	4-1	788
Diane	5-4	17,456	3-8	664
Violet	5-0	18,757	3-9	723
Sadie	4-10	18,028	3-5	629
Irene	4-1	13,197	4-4	581
Natalie	3-11	17,722	3-5	626
Katrina				
Stanley R Long				
Joy	7-2	16,420	3-5	582
Marcy	6-4	19,118	3-7	714
Duchess	6-4	17,600	3-5	624
Shorty	6-0	16,003	3-7	591
Mona	5-4	20,356	3-6	728
Bambi	4-0	16,548	4-0	665
Elsa	4-0	16,564	3-7	612
Mandy	4-3	16,735	3-9	652
Beth	3-3	18,106	3-3	604
Legs	3-7	19,805	3-4	666
Restful Acres				
Nedra	4-2	19,818	3-5	702
Sonya	3-1	14,037	4-2	590
Mario	2-2	14,017	3-7	515
Robert H Beach, Jr				
149	1-11	13,819	4-2	582
Lauden Farms				
Fern	8-8	17,367	3-8	654
Holly65	4-0	17,630	3-5	616
2	3-9	14,202	3-6	514
24	3-0	17,219	3-9	663
Frank Wagner, Jr				
133	3-3	20,998	2-9	616
34	3-9	14,462	3-9	530
39	4-9	16,883	4-7	786
Franklin G Wagner				
Samanta	2-3	13,612	4-5	618
Gary E Miller				
3	4-0	16,737	3-2	536
20	3-1	13,940	4-1	565
R4	3-2	15,324	3-4	526
Great View Farms				
Marion	7-8	18,424	3-6	659
Teardrp	5-0	20,690	3-5	715
Marcy	4-7	20,115	3-6	730
Fashion	4-0	19,047	3-7	700
Earl Campbell				
17	4-10	17,487	4-5	786
129	4-1	16,423	3-7	615
Henry Keiter				
Nellie	4-2	17,474	3-6	629
Freklies	1-11	16,711	3-3	548
Donald Miller Deemar				
12	4-11	11,250	4-5	501
52	3-0	14,344	3-5	507
Roy M Brubaker				
Wilma	6-3	15,256	4-0	606
Helena	4-2	19,708	3-4	678
Ella	2-11	14,836	3-4	506
Starla	2-10	15,534	3-5	547
Mrs. Elwood-Mike Zell				
10	3-1	20,345	2-8	567
Isaac K Newswanger				
32	2-4	14,083	4-1	575
Sher Mar Acres				
226	3-11	14,651	3-6	529
6	5-11	15,354	3-5	545
James Leshar				
Stump	10-7	17,429	4-1	721
Arthur Brandt				
Polly T	5-1	13,857	3-7	514
Fern	5-3	15,324	3-7	572
Ruby	4-2	17,909	3-7	664
76	4-2	18,585	3-2	594
40	3-7	14,360	3-9	553
Elwill Farms				
2	8-2	15,511	3-5	539
7 R	7-3	16,937	3-5	590
78	6-4	17,136	3-9	672
66	4-9	27,929	3-5	972
75 R	4-4	12,796	4-2	540
32	9-6	18,673	4-1	770
128	3-3	14,687	3-9	567
193 R	5-2	15,584	3-5	546
Larry L Boyer				
Helen	12-0	18,239	3-3	609
Comet	7-1	20,843	3-5	723
Teddy	7-5	21,434	3-4	719
Dale F Faust				
57	7-0	22,407	3-7	837
48	4-1	19,734	3-5	689

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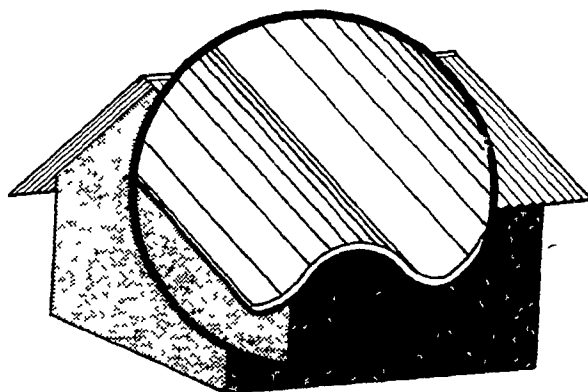
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Denise Lynn Collison, daughter of Mr. and Mrs. Robert H. Collison, Smyrna, won the 4-H award for fashion revue.



Christopher A. Kittila, son of Mr. and Mrs. Allan B. Kittila, Seaford, won the 4-H award for photography.

Volunteering brings satisfaction

FLEMINGTON — People are finding satisfaction from volunteering their skills and time to 4-H activities, says Phyllis Stout, 4-H program coordinator for Cornell Cooperative Extension.

"There are many different groups of people who enjoy the creativity and satisfaction that come from working with 4-H members," says Stout, "and 4-H programs should be flexible enough to accommodate

them."

People who work outside the home often have difficulty coordinating their busy schedules to allow time for volunteer activities, and Stout suggests that consideration be given to

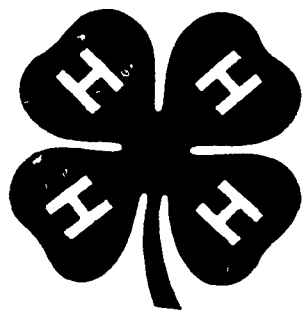
designing volunteer jobs to fit their needs.

Childless couples are another group who may enjoy participating in 4-H activities for the contact it provides with young people. "Just because a couple

decides not to have children doesn't mean they don't enjoy being with them," says Stout. Teenagers and senior citizens may also enjoy the friendly contacts that volunteering in 4-H activities provides.



Jonathan B. Harcum, son of Mr. and Mrs. Edward Harcum, Laurel, won the 4-H automotive award. He is a member of the Peach Blossom 4-H Club.



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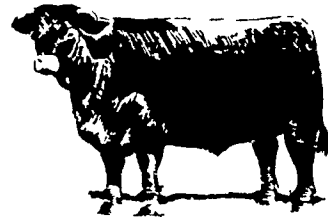
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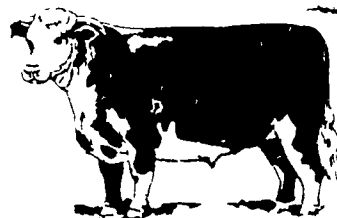
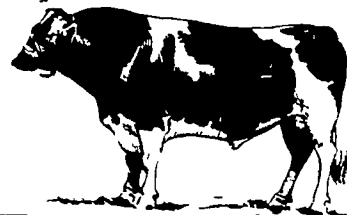
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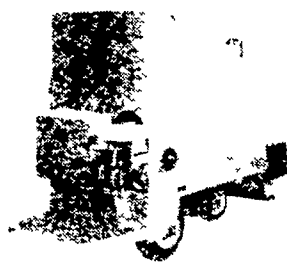
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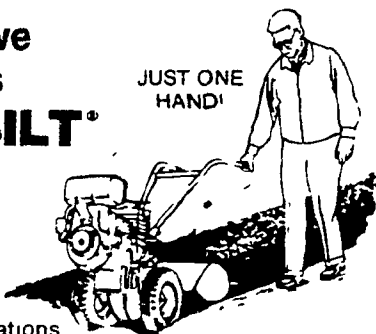
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Karen L. Lowman, daughter of Janette and John Lowman, Landenberg, Pa., won the 4-H award for dairy foods. She is a member of the Porter Gang 4-H Club.



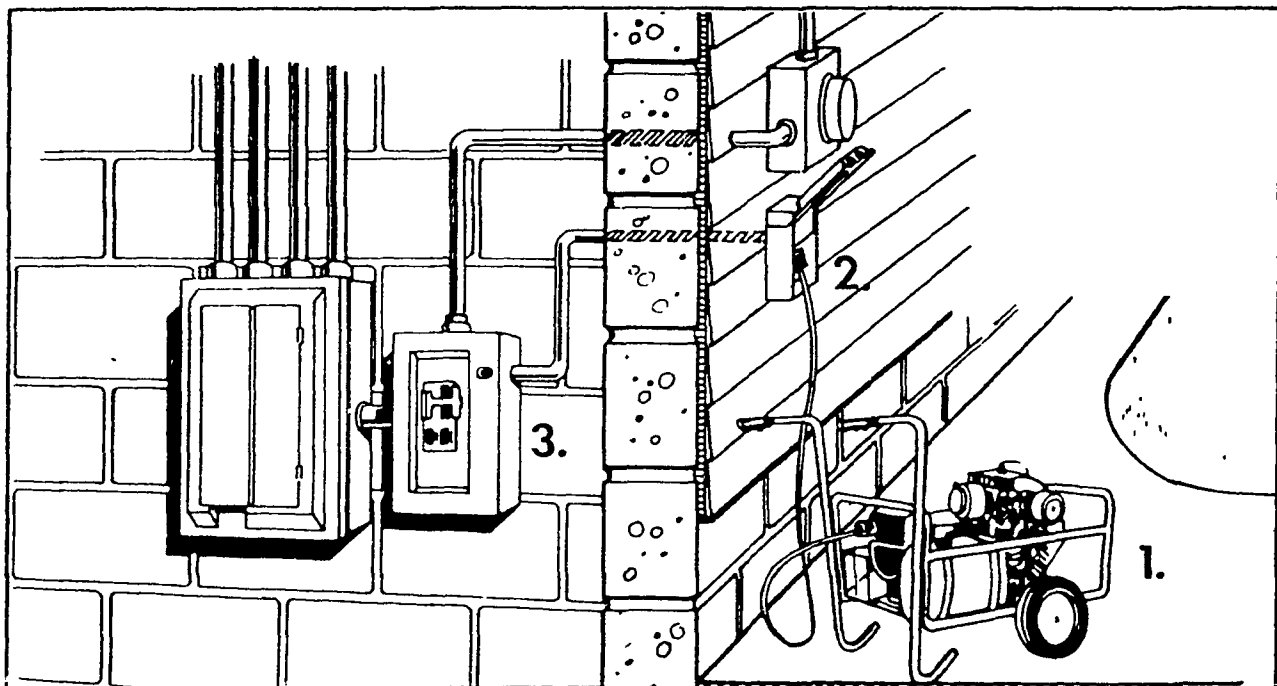
Deborah L. Stradley, daughter of David and Margie Stradley, Middletown, won the 4-H awards for breads.



Stephen W. Majchrzak, Jr., son of Mr. and Mrs. Dennard R. Hill, Seaford, won the 4-H award for swine.

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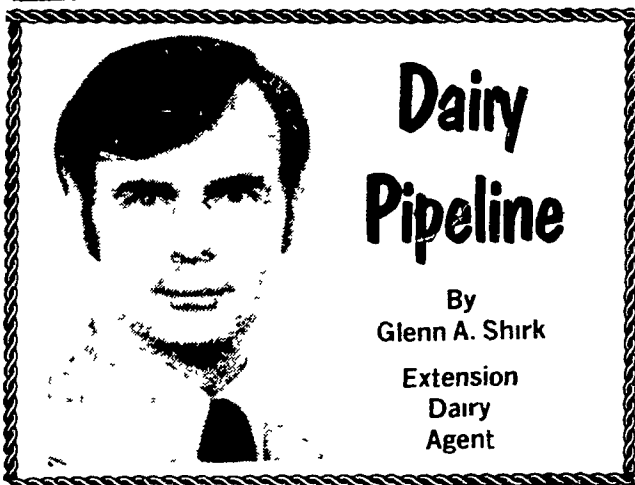
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Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

How Is Your Survivability?

Rising costs never are a pleasant thing to face, especially if income is not keeping pace. For dairymen who are heavily indebted or for those who have low levels of production, these rising costs can be devastating.

Now is a good time to be brave enough to check your survival ability. Knowledge of this may help you plan your future more wisely. One way to do this is to look at your DHIA summary. What are your feed costs? What are your returns over feed costs?

These figures can be good indicators of what your situation might be at some point in the future. It is more helpful — and sometimes more uncomfortable — to look ahead and anticipate your future than it is to wait several months until after your tax returns are prepared only to see what has happened months ago. The past can't be changed, but the future can.

Feed costs represent your major expense of producing milk. The feed costs reported in your DHIA sheets represent the cost of feeds purchased plus all those costs associated with growing, harvesting and storing your home-grown feeds. For many dairy farmers, these costs have been totaling about two-thirds of their total farm costs. Your experiences may be different.

As you can appreciate

these figures, and the figures which follow, vary greatly from farm to farm. So, for this to be most beneficial to you, use your own figures. The only purpose for the figures I have used is to illustrate how you might be able to use some of your DHIA data to help you make some farm management decisions.

Here's something for you to try with your own figures — after you take your "brave" pills. Multiply your feed costs per cow by 1.2 to compensate for a 20 percent increase in feed costs. Remember, these feed costs are only for the milking herd. Chances are, you also have to feed some heifers, and they may consume one-fourth as much feed as the milking herd. So, multiply these new, inflated feed costs by 1.25 to get an estimate of your total feed costs for the cows plus the heifers.

I mentioned earlier that feed costs represent about two-thirds of your total costs; all other costs represent the remaining one-third. In other words, all the other costs are equal to about one-half of your total feed costs (one-third is half of two-thirds).

So, to get an estimate of your total costs, multiply total feed costs by 1.5.

Now comes the scary part. Calculate your income from milk and cattle sales. On many farms, income from sale of cattle amounted to 13

percent of the milk check.

From your income figure, subtract your total expenses. The difference represents your margin of profit; this is what's left for the family, for savings, or for plowing back into your business.

Now, put yourself to the test to see what kind of economic fluctuations you can tolerate. Increase your total expenses by 10 percent (inflation) or reduce your income by 10 percent (herd health or fat test problems).

After taking out what you need for living, is your profit margin large enough to absorb these changes? If not, don't jump into a costly panic move. The temptation might be to take out a loan for expanding the herd in an attempt to improve cash flow. It will probably be more profitable, and more satisfying, to concentrate on improving herd production and margin of profit per cow first; getting bigger can

come later. It takes a good margin of profit per cow to survive these inflationary times.

The last thing you may need is additional debt load, unless it is for the purpose of improving herd performance.

To illustrate this concept, increase milk income by 10 percent (representing a 10 percent increase in production) and increase feed expense by seven percent (as production increases, it takes more feed) and increase other expenses by 10 percent. Look at what this does to your profit margin — your survival ability.

Now let's see what could happen when you take out a 30-year mortgage to expand at a cost of \$2000 per cow. The annual cost of this loan will be about \$300 per cow added. If you take out a short term loan for purchasing the

(Turn to Page C35)

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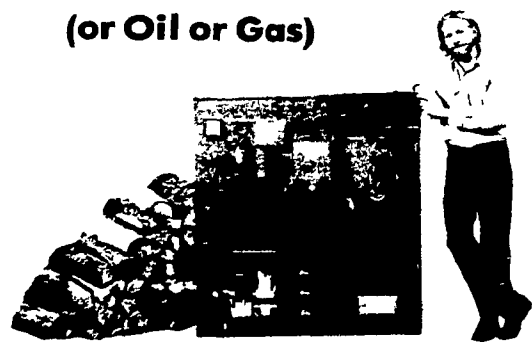


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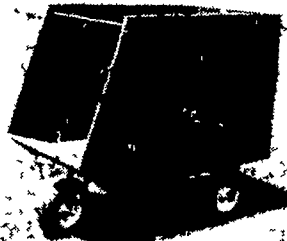
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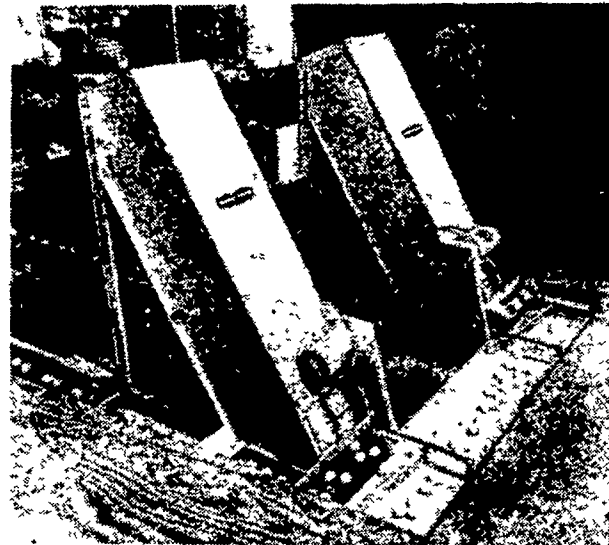
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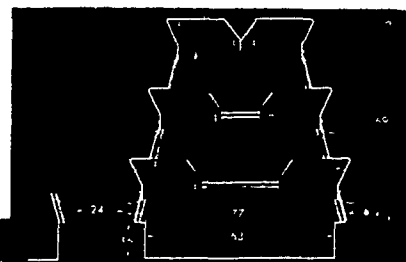
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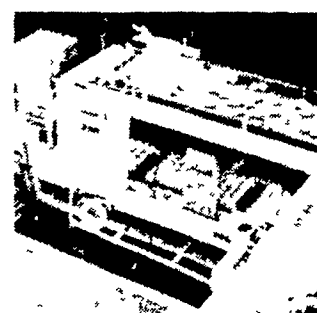
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Dairy

(Continued from Page C34)

additional cows, this may cost you another \$475 per \$1000 borrowed.

Because of increased herd

size, labor costs will also increase. Chances are, your production per cow will drop at least 10 percent during the expansion years. There goes your margin — and your family satisfaction.

If you've stuck with me this far, you can probably

appreciate why I am such a nut on advocating getting good before getting too big too soon. (It also contributes less to the milk surplus problem).

So, now is the time to pay attention to all those little details that pay off in improved production, profit and satisfaction. If you really take good care of your cows, chances are they'll take good care of you. Feed them right, even though feed is expensive; that includes dry cows and heifers, too. A costlier mistake would be not to give cows the feed they need for top performance.

If feed supplies are tight, you might consider culling some cows and reducing the size of your heifer herd. If you go to lower-cost feed

COLLEGE PARK, Md. — Three University of Maryland Extension faculty members have received

substitutes, like urea, or to alternative type feeds such as brewers grains, be sure you have your ration properly balanced, your cows healthy, and make the changes gradually.

Observe cows closely for heat and make sure their reproductive tracts are healthy before breeding. Turning cows out for exercise will aid heat detection and enhance better herd health.

Keep the herd healthy. Dry pens, no drafts, fresh air and a clean barn will help a lot. Work closely with your veterinarian on vaccination programs and other preventive herd health measures.

Be sure your milking system is well-maintained and functioning properly. And, it's always good to re-evaluate your own milking techniques and your mastitis treatment program, too.

recognition from the National Association of Extension 4-H Youth Agents.

They are Mrs. Ruth A. Proctor of Glenmont (Montgomery county), Mrs. Edith C. Williams of Wheaton Woods (Montgomery County) and Mr. Bobby G. Busbice of Good Luck Estates (Prince Georges county).

The trio was honored on Nov. 4 at Detroit, Mich., during the thirty-fourth annual conference of the NAEA. The two Montgomery county residents were Maryland winners of the organization's Distinguished Service citation, and Mrs. Busbice was presented with a 25-year service plaque.

A native of Noblesville, Ind., Mrs. Proctor has been an Extension 4-H youth agent in Montgomery county since April 1, 1975. She holds academic degrees from Purdue University and American University. She is a past newsletter editor both for Glenmont elementary school and the District of Columbia Home Economics Association.

Prior to her current employment, Mrs. Proctor was active in community, church and youth activities in Montgomery county. She founded the Chestnut Ridge 4-H club and served as its leader for 13 years.

In 1974 she was one of eight persons throughout the United States to receive the national 4-H alumni Gold Key Award. In 1975 she was honored by the Montgomery County Chamber of Commerce, and she received two awards from the Purdue University Alumni Association.

During her years as a

volunteer worker, Mrs. Proctor was credited with "extensive counseling and leadership of more than 3,000 youth individually and in small groups."

A native of Hamlet, N.C., Mrs. Williams has been an Extension 4-H state program leader at the University of Maryland since April 1979. She previously served as an Extension 4-H youth agent for 5½ years in Montgomery County.

Mrs. Williams is a graduate of A and T State University at Greensboro, N.C. Before coming to Maryland, she spent 10 years as a professional Extension worker in Chatham and Durham counties in her native state.

During her Maryland career, she has been a county and state supervisor for youth involvement in the Expanded Food and Nutrition Education Program of the U.S. Department of Agriculture. One of her outstanding accomplishments was coordination of Extension 4-H programs with numerous community organizations in order to better serve youth.

The mother of twins, she has been active in the United Methodist Church, NAACP and the National Council of Negro Women. She received the Outstanding Maryland Youth Worker Award in 1978.

A native of Eros, La., Busbice has been a field supervisor since 1968 for the University of Maryland's Cooperative Extension Service. From 1955 to 1968, he served as an Extension 4-H youth agent in Harford county. Prior to that, he taught vocational agriculture for one year at Damascus High School (Montgomery County).

4-H agents honored

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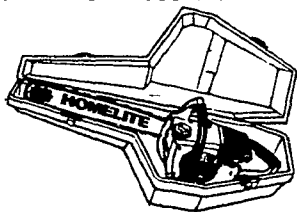
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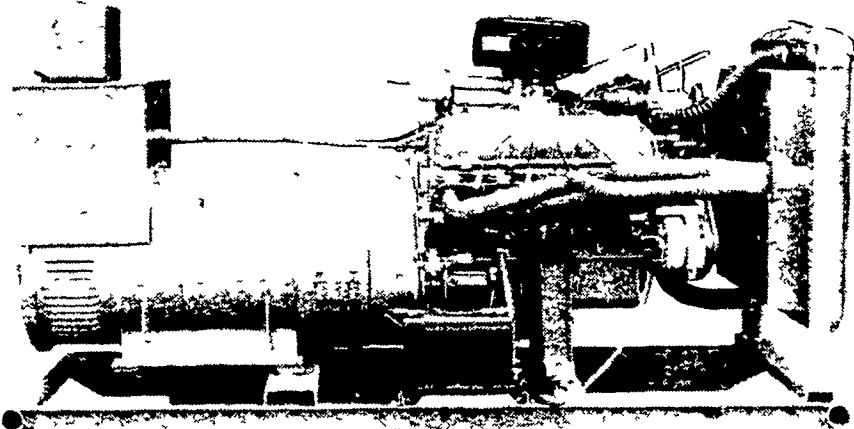
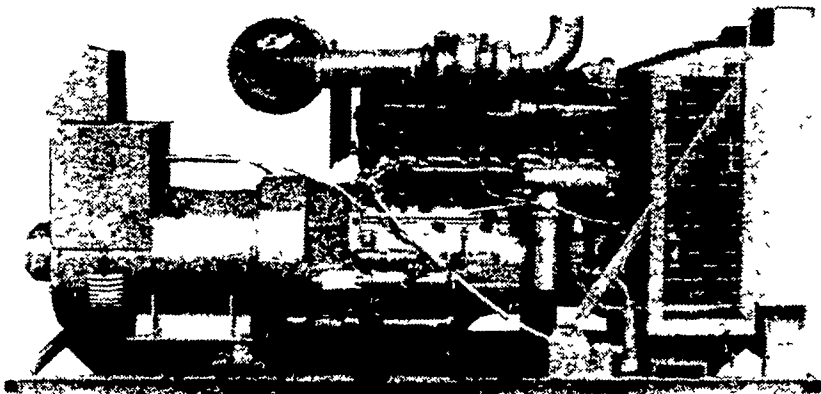
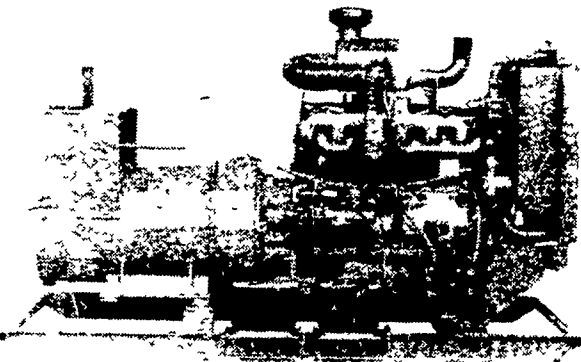
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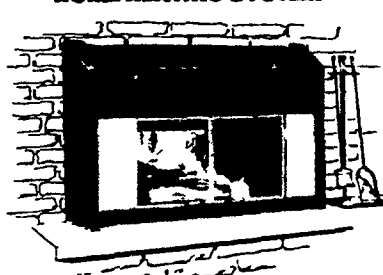
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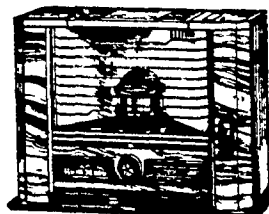
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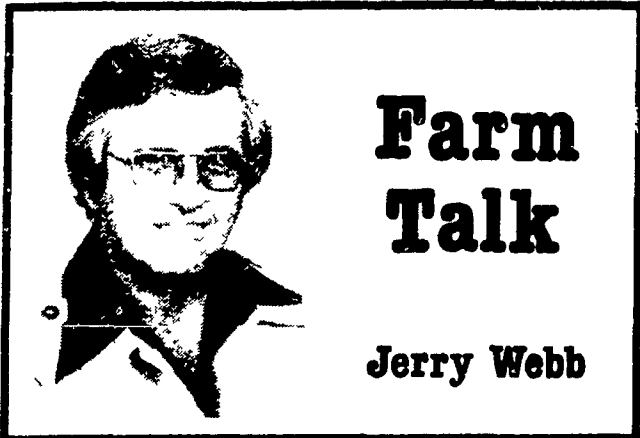
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Farm Talk

Jerry Webb

The pork industry has mounted a national effort to convince consumers of the economic and nutritional value of its products. That explains all the pork commercials accompanying the World Series radio and television coverage.

It also explains why this column is going to tell you more about hogs than you probably want to know. For instance:

Per capita pork consumption in the United States in 1979 was about 70 pounds, third highest on record;

Americans consumed 800,000 pounds of fresh pork sausage that year, a 12 percent increase over the previous year;

They ate two billion pounds of ham and that was a 15 percent increase over the year before;

In Iowa, the number one hog state, the average swine producer produces enough pork for 1000 people.

Traditionally, pork has had low status among consumers who seem always to prefer beef even if it costs more. But recently the price spread has been such that more and more consumers are using more pork products in their menu planning.

Meanwhile, the hog industry has done a lot to produce a better product. The lean, trim pork products that are displayed in supermarket meat cases these days are a far cry from the pre-World War II hog. There are good reasons for that.

Back in those days the typical farm family grew a few hogs and consumed some of them right on the farm. As the old saying goes,

they used everything but the squeal, and a large overly fat hog produced a variety of home use products including lard for cooking, fatback, cracklings, sow belly, ham, bacon, pickled pigs feet, and pork skin. But times changed and so did consumer preferences and the demand for lard and salt pork plummeted.

So farmers and researchers and others vitally involved in the swine industry literally re-designed the hog. They made it longer and taller and trimmer, and they eliminated almost all of the heavy backfat covering that used to be part of a pig.

Then they came up with new products and new recipes and new merchandising ideas, and now pork is right there in the forefront competing with beef and chicken for the consumer meat dollar and supplying some of the finest restaurant and home prepared meals.

One good example of that is ground pork - a product

that you may not have even heard of unless you tuned in on the World Series commercials.

Ground pork was launched a few years ago in Iowa and has been catching on nationwide. It can be used just about anywhere you would use ground beef, and home economists say it's a good source of high quality protein, plus iron, niacin and riboflavin.

The industry is producing ground pork that's about 75 to 80 percent lean meat and that makes it comparable to ground chuck. So it's ideal for a lot of home recipes.

National sales of ground pork are increasing as more and more homemakers are hearing about it and finding ways to use it. Most ground pork is produced right at the packing plant from trimmings from the shoulder, loin or belly, since they contain the reddest muscle and are mostly lean.

Ground pork is a bit more perishable than ground beef, according to the experts, and its flavor will deteriorate faster after storage in the refrigerator. So it should be stored in the coldest place in the refrigerator where the temperature is as low as possible without actually freezing.

Don't confuse ground pork with sausage. Those are two completely different products. Sausage has been around since before recorded history. It was born of necessity as a means of keeping meat from spoiling since there was no such thing as an icebox.

The word sausage actually

means salted or preserved meat.

One final historic note on pork. Sausage made from pork played an important part in early history. It seems that Julius Caesar, who died in 44 B.C., used it in his military campaigns.

The art of seasoning and preserving sausage has advanced to such a high level that he was able to gain advantages over barbarian armies by issuing pork sausage to his legions. His enemies meanwhile lost precious hours hunting game in the forests or feeding domestic animals.

In those days sausage accompanied manifestations of hilarity and joy. So much so that the early church came to associate sausage with heathen behavior. Reformers were actually able to get a prohibition law passed against sausage, so the Romans had to smuggle their treasured meat products past prohibition agents. Finally, the unpopular law was stricken from the books.

Pork is making some inroads into the fast food industry and when it finally

does gain a major share of that market, it will have an important impact on the pork industry.

Restaurants and other food-serving institutions have avoided pork mostly because of tradition and a problem of what to do with the leftovers. But the upsurge in the fast food business has changed that and the increase in specialty

restaurants is providing a new opportunity for pork producers.

So the next time you dine out, why not go whole hog? It's the nutritious, economical and tasty thing to do.

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How to find a good used combine

LANCASTER — Good working combines are not hard to find if you know where and what to look for. Prices range from \$400 and up, depending on size, features, age and condition. They are complex machines, so it pays to check every section for proper function.

The different operations that combines perform are: a) cutting, b) conveying, c) threshing, d) separating, e) cleaning, f) grain filling/unloading. Study these operations on a used

combine before you decide to buy that machine. What is the right machine for your farm?

That depends on the crop, number of acres, size of fields, availability of custom work, and timeliness. Probably the most certain characteristic is that the combine will be an old, used one, purchased in a cash-grain farming area.

Your best bet locally is Central New York, Pennsylvania, and New Jersey. Many of the mid-Atlantic

vegetable farms have switched to shelled corn, soybeans, barley and oats - due to rising costs of farm labor versus the capacity and economics of a mechanized harvest.

Here is a checklist to use during the initial inquiries for a combine:

1. Self propelled. In general, these combines are easier to transport, resell, control, and are more comfortable for the operator. They are more expensive than pull-behind PTO units.

2. Large bin capacity. Grain tanks range from 18 to 60 bushels or more. The harvest will run more smoothly with fewer stops to unload.

3. Good tires. Keep a spare with you if you are towing a combine home.

4. Little or no rust. Older combines are covered with sheet metal. These pieces are difficult to fabricate, and there are few spares. Check

the sheet metal in contact with conveyors, chains, fine sieves, and the threshing cylinder.

5. Cylinder bars and concaves not bent (from rocks picked up at the cutter bar). These bars are often covered with rubber, and are expensive to replace.

6. Header floats freely — Once in a while an operator will catch a corner or gate post and spring the header unit out of alignment. This is hard to see without moving the affected parts.

7. Check grease fittings for adequate lubrication. The old Allis Chalmers "66" combine (1950s vintage; had 80 fittings to be greased).

8. Safety shields should be intact

9. If a spare head (for corn, small grain, pick-up-reel or one for windrowed crops) is included but is off the machine, you'll want to know if it works on the machine.

10. Are sheaves bent,

distorted? Many an operator has forced a belt off a sheave (pulley) with screwdriver or a steel bar. Repairs with this kind of work come back to haunt you.

When you are making the last visit to pick up a combine, take along a hand held tachometer to check the speed of the cylinder, separator drive shaft, and conveying drives. At a certain engine (or pto) speed, these parts should turn at a specific number of revolutions per minute. Don't forget a watch.

Bring spare tires, slow moving vehicles (SMV) sign, safety chains, and tie-downs. The advantages of a self propelled combine (with or without a cab) will be apparent when loading onto a truck or low-boy trailer. Check the route home for low

bridges or narrow tollbooths.

It is easy to find a good 12 foot, self propelled combine for a few thousand dollars. Some of the best places to look would be mid-to-late summer issues of:

The Hunterdon County Democrat (weekly newspaper, used by farmers), Flemington, New Jersey;

Lancaster Farming (over 120 used combines for sale in a September, 1980 issue) Box 366, Lititz, PA 17543 (\$7.50/yr., weekly);

Consignment Auction, 2nd and 4th Tuesdays of the month, Archbold, Ohio, to name a few. Plus, central New York papers, the New England Farmer and farmers' exchange bulletins from Vermont and New Hampshire Departments of Agriculture.

Members service meeting held

HERSHEY — The annual meeting of the Members' Service Corp. of the Pennsylvania Farmers' Association did take place Monday during the 30th Annual Meeting of PFA.

Several hundred farmers' association leaders including voting delegates from 54 county units will gather at the Hershey Motor Lodge and Convention Center, November 23 to 26, to adopt policy, elect leaders and attend special events.

PFA's Member Service Corp. is a wholly owned corporation of the voluntary, general farm organization. It offers business services to members in farm supplies, insurance, accounting and other areas.

The corporation's Farm Management and Business Analysis Service prepares farm tax returns for more than 3800 family farms. In addition to tax preparation,

this service offers business analysis, management advice and tax planning.

Another division of the Members' Service Corp., the Insurance Service, fields 39 agents. Their total premiums in force for life, property and casualty coverage exceeds \$6.7 million.

The Group Purchasing Division offers members low prices on Safemark tires, batteries, plow parts and other farm supplies through county group purchasing coordinators and over 130 authorized dealers across the state. Sales volume during the past year totaled over \$19 million.

Financial reports are also being presented for the Retail Farm Market Division which offers consumer products through local outlets and certifies quality farmer-operated markets.

STOLTZFUS MEAT MARKET RETAIL MEAT MARKET

OUR OWN CORN FED BEEF

- FRESH CUT BEEF & PORK
- FRESH EGGS RIGHT FROM THE FARM

★ OUR OWN COUNTRY CURED HAMS, BACON AND SWEET BOLOGNA

Orders Taken For Beef Sides, Wrapped
And Ready For Your Freezer

Attention Farmers:

We Do Custom
Beef Slaughtering

PH: 768-7166

Directions: 1 block east of Intercourse on Rt. 772
Reg. Hours: Thurs. 9-5; Fri. 9-8; Sat. 8-5



Generators Alternators Starters

EXPERT REPAIRS
PEQUEA BATTERIES
Ronks, PA 17572

DRAINAGE PROBLEMS?



COCALICO EQUIPMENT HAS THE TWO MACHINES TO HANDLE YOUR DRAINAGE PROBLEMS.

★ Both Machines Equipped with Laser Beam Grade Control

Drainage Pays High Returns

Investment	Typical Annual Return
Land Drainage.....	21-46%
Farm Buildings.....	3-23%
Farm Land.....	11%
Stocks.....	7.4%
Bonds.....	6.1%

COMPARE

Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.

★ We Stock Heavy Grade Tubing which Exceeds SCS Specifications. In sizes 4", 6", 8", 10" and 12".

NOW AVAILABLE
15" & 18" Tubing

★ Also Pipe And Fittings For Tile Outlet Terraces.



COCALICO EQUIPMENT CO.
DRAINAGE & EXCAVATING

RD #3, DENVER, PA 17517

PH: 215-267-3808



This Christmas Give The Old Man Our Best.

For the man of your life, we have the saw of his life! It's a Stihl® the world's largest selling chain saw. He'll get more pleasure and good exercise with it than with just about anything else you can buy. But before you buy somebody

else's saw because it appears to be a bargain, give him a Stihl because it is the best deal.

STIHL®

The World's Largest Selling Chain Saw.

FREE DEMONSTRATION
Chain Saw - Concrete & Metal Saw Rentals

**STOLTZFUS
WOODWORK**

RD Gap PA Box 183
1 Mile North Rt. 897 From Gap

**WES STAUFFER
SMALL ENGINES**

RD 3 Ephrata PA
Phone (717) 733 9174
Ephrata Exit New Rt. 222
1/2 Mile West on Rt. 322
Turn left onto Pleasant Valley Rd

**A & B SALES
& SERVICE**

2 Miles South of Rt. 23 Along 772
Thru Monterey RD 1 Ronks PA

**NORMAN H.
ZIMMERMAN**

Myerstown RD 2
Phone (717) 866-4695
1/2 mile west Myerstown
West Main St



The Milk Check

TOM JURCHAK
County Agent

After 16 months of increases in national milk production, in spite of declining consumption and a

dependency on the price support program to give you the increases needed to cover increasing costs, the whole dairy industry is displaying a growing concern about where all this will lead as Congress starts writing a new farm bill in February 1981.

That concern started before the elections. It indicated a change in the national attitude toward a more conservative policy in federal spending tied to a tax cut.

The concern spread beyond the dairy organizations to include

general farm organizations like Farm Bureau, Grange and NFO and resulted in the organization of the National Task Force on Milk Supply Management.

Their objective is to get producers to voluntarily reduce the milk supply to bring it into clear alignment with demand. That way you can get more of your price increases from the market place rather than the price support programs.

During the next few months, you're going to see all the farm periodicals featuring articles furnished by the National Task Force

on why and how you can increase your income by reducing the amount of milk you produce. Over 20 papers by authors of national reputation will be written on a variety of topics from culling your herd to postponing expansion plans. They will be provided to all the media to convince the farmers that they should reduce production for their own good.

With inventories of over a billion pounds of dairy products in government storage on October 1 and CCC purchases currently running over three times as much as last year, something will be needed to convince the new Congress that the dairy price support program should be continued much like it has been

during the past 10 years.

Up to now your record has been good with only four times that the government had to buy more than three percent of your production to stabilize prices during those 10 years. Right now, however, your record is not so good with purchases of over six percent of your production to get you the prices that you have today. You're vulnerable to attack from people who have been after your hide in the past or just want to make an impression on the national scene.

There isn't much time left but if you can convince Congress that you're doing something to improve the situation, it will certainly help you get you a new price support law.

Grains eligible for reserve;

WASHINGTON, DC - For the second year in a row, U.S. feed grain producers will not need to set aside acreage to be eligible for the farmer-owned reserve, commodity loans and target price protection, Deputy Secretary of Agriculture Jim Williams said last week.

"Feed grain producers need only to be sure they plant within their normal crop acreage on all farms in which they have an interest to be eligible for program benefits in 1981," Williams said.

The normal crop acreage's are currently under review and may be adjusted in cases where appropriate to more adequately reflect farmers current cropping programs and the application of best farming practices, Williams said.

"With world coarse grain production likely to be down slightly from last year, domestic 1980 crop production estimated to be 18 percent lower than last year's crop and the demand for grains continuing to rise, the U.S. Department of Agriculture expects a drawdown in stocks and higher prices.

The provisions of the 1981 feed grain program will allow U.S. farmers to respond to domestic and world market requirements but still provide them with price and income protection," Williams said.

He said producers should remember the importance of good farming practices as they plan for 1981; and he recommends against bringing fragile lands into production. "Farmers who plant these lands in 1981 will not have this acreage added to their farms' normal crop acreage in subsequent years," Williams said.

Williams said the loan price will be at least \$2.25 for corn and other feed grain loan prices would be based upon a feed value relationship to corn.

Feed grain target prices for 1981 crops will be announced next spring but will be at least equal to the 1980 levels of \$2.35 per bushel for corn; \$2.50 per bushel for sorghum and \$2.55 per bushel for barley.

To qualify for full target price protection, farmers cannot plant more corn, sorghum or barley in 1981 than was considered planted in these crops this year. Farmers who exceed this acreage will be subject to an allocation factor that can reduce their target price payment, if any, by up to 20 percent.

National program acreages of 90.1 million acres for corn, 15.4 million acres for sorghum and 9.7 million acres for barley were also announced today. The national program acreage is the number of acres for each crop needed to be planted to

meet projected domestic and export requirements, as well

as provide for an adequate carryover.

PUBLIC AUCTION

of

Two Lancaster County Farms

**Farm No. 1: 67.198 Acre
Dairy and Tobacco Farm**

**Farm No. 2: 53.625 Acre
Steer and Tobacco Farm**

SATURDAY, DECEMBER 20, 1980

2:00 P.M.

Location: Just North of Denver in West Cocalico Township, Lancaster County, Pennsylvania.

ATTENTION Make plans now to inspect these very fine farms. These adjoining farms would provide a golden opportunity for the large operator or for any individual wanting to purchase just one farm. Auction to be held on Farm No. 1.

**FARM NUMBER 1:
67.198 ACRE DAIRY AND
TOBACCO FARM**
Limestone Soil

**FARM NUMBER 2:
53.625 ACRE STEER AND
TOBACCO FARM**
Gravel Soil



2½ Story Frame Dwelling

Containing: Kitchen with built-in cabinets, large living room, family room, laundry room, 5 bedrooms and full bath, attic storage. Oil hot air heat.

66 x 30 2-Story Bank Barn

53 x 37 2-Story Cow Barn

With bulk feed bin and attached 14 x 15 block milkhouse. 14 x 55 concrete stone silo with unloader.

66 x 25 Frame Tobacco Shed

With stripping room and dampening cellar.

33 x 44 Frame Equipment Shed

- Well with pressure system
- Cocalico Creek runs through pasture area
- Established shade
- Cistern

Directions To Farm: Take Route 272 North from Ephrata to traffic light at Reamstown — turn left towards Denver to traffic light in Denver — turn left onto South Fourth Street to Franklin Street — turn right — go out of town to second farm on right.

AUCTION CONDUCTED BY:

JOHN E. and PAUL E. MARTIN
AUCTIONEERS
717 - 733-3511 — 717 - 733-3305
EPHRATA, PA.

HARTMAN, UNDERHILL & BRUBAKER, ATTORNEYS
GEORGE BRUBAKER, ATTORNEY

NOTE: Inspection of dwellings at Open House Saturday, December 6 and Wednesday, December 10, 1980 from 12:00 noon to 3:00 p.m. Inspection of balance of farm anytime. For transportation or a personal showing call Paul E. Martin, Auctioneer at 717 - 733-3305. All information in this ad is believed to be accurate, but is being used for advertising purposes only.

TERMS: 10% down day of Auction; balance at final settlement on or before April 1, 1981.

2½ Story Brick Dwelling

Containing: Kitchen with built-in cabinets, formal dining room, large living room, den with open stairway, 4 bedrooms, full bath, attic storage, oil hot air heat.

69 x 42 2-Story Bank Barn

40 x 36 Frame Tobacco Shed

30 x 29 Equipment and Corn Shed

20 x 17 Corn Shed

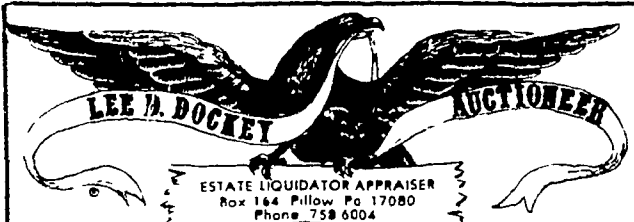
Frame 2-Car Garage

- Wire Corncrib
- Several other small buildings
- Well with pressure system
- Cocalico Creek runs through edge of farm
- Established shade

Directions To Farm: Take Route 272 North from Ephrata to traffic light at Reamstown — turn left toward Denver — go through Denver — after crossing bridge outside of town first farm on left across from Denver Park.

AUCTION BY ORDER OF:

**MAHLON N.
ZIMMERMAN**
R.D. 2, EPHRATA, PA.
717 - 859-1127



AUCTION OF COINS WEDNESDAY EVENING DECEMBER 3, 1980

6:00 P.M.

Located at Lykens Valley "Shop and Play" Hall, Route 209, Lykens, Pennsylvania.

Coins to be sold: Nickels, Quarters, Silver Dollars, Dimes, Half Dimes, Half Dollars, Lg. Pennies, Three cent nickels, 14 Pieces of Gold.

THERE WILL BE OVER 300 LOTS. For complete list of coins, send name, address and stamp to Auctioneer. Coins can be seen from 4:00 P.M. to 6:00 P.M. day of sale.

TERMS: Cash. Personal checks accepted only from persons having an established account with Auctioneer.

**OWNER,
JOHN MAURER**

DOCKEY & DOCKEY, AUCTIONEERS
DEPPEN, APPRENTICE

Hereford Assn. elects officers

KANSAS CITY, Mo. — David Largent, Wilsall, Mt., was elected to the position of president of the American Hereford Association during the organization's annual meeting held in Kansas City recently.

Largent was elevated to the post from the position of senior vice president and he succeeds Gene Schroeder,

Palusade, N.D.

The Largent name has been a familiar one in the Hereford industry for 80 years. His grandfather entered the registered Hereford business in 1901 and was one of the first Hereford breeders in Texas to exhibit his cattle nationally.

David's father, Roy, was a

nationally known breeder, exhibitor and livestock judge, and served as president of the American Hereford Association in 1952.

Largent and family moved from Texas in 1969 when the operation near Wilsall, Mt., was purchased. Presently, the operation totals some 200 registered and 250 commercial cows. The Largent operation is a family one with wife Freda and sons Mark and Steve and their families actively involved in the ranch operation.

David Largent is a veteran of World War II and attended Texas Christian University. He has been a familiar face on the show circuit at major shows and sales for many years.

In the late 1950's, he served as manager of the Hersheide Ranch in Arizona, and since that time has been

involved with the family Hereford operation. During his tenure in Arizona, he exhibited the National Western champion bull, and then again in 1979 the Largent firm won the coveted National Western bull grand championship.

Elevated to the post of senior vice president of the American Hereford Association was John R. Howarth, Cleveland, Ms. Howarth operates the Circle H Farm where registered 300 Hereford cattle, cotton, soybeans, wheat and rice are all parts of an extensive crop and livestock operation.

Re-elected to serve on the board of directors for another three-year term were Howarth and Jack Vanier, operator of the CK Ranch, Brookville, Ks.

Lancaster Farming, Saturday, November 29, 1980—C39



**On being
a farm wife
- And other
hazards**

Joyce Bupp

First warning of the storm came in the staccato taps of sleet at the living room windows.

Sleet. Of all of Nature's spectacular outdoor displays, ice storms are among the most bittersweet with their blend of beauty and devastation. And last week's was a memorable one.

The sleet began crusting on trees and roofs shortly after it began in later afternoon. With each hour, the thin coating thickened, bending branches and weighing electric lines.

Moments of sudden darkness throughout the evening told the growing threat to our rural electric cooperative lines, strung across miles of windswept of open valleys and through wooded areas slowing bending under the persistent sleet. Just so it would hold until the milking was over!

Late night crashing noises suggested that a warming trend was underway and the roar was of avalanches of ice tumbling from the high tin roof of the house into the yard below.

With the next morning's light, we saw that the road had indeed come from tumbling - but it had been limbs from off the big maples surrounding the house, and not ice from the roof.

The backyard looked like a lumberjack's aftermath. One foot-diameter main limb had mashed the end of the

woodshed roof while managing to pin the shed's door shut with a heavy side branch. Naturally, the wood saw was inside the jammed door.

But what a glorious world surrounding us! The woods beyond the pasture had become a crystalline fairyland. Instead of the backs of the houses we usually see hidden in the trees was a silvery-encrusted setting where dainty gossamer branches did a slow ballet in the wind.

Each blade of grass in the backyard was perfectly encased in its own see-through shiny coat, shattering into bits under our footfalls.

Up the side of the silos, a whimsical icy fringe hung from each curved metal piece on the ladder safety cages.

And the pines drooped sorry and low, weary from supporting pounds and pounds of ice.

For nearly two days, the wind rattled and clanged in the ice-clad limbs, littering the ground with more branches and showering us with ice bits when we ventured outside. Finally sunshine smiled upon the shining scene and its welcome warmth turned the tinkling ice to soggy drips.

But the legacy of the ice remains: a useful stack of firewood and one hole in the roof. And the sparkling beauty was almost worth it.

REAL ESTATE AUCTION

Mr. & Mrs. Paul L. Nuschke Farm
R.D. #1 Shippensburg, Cumberland County, Pa.

200 Acre Vegetable & Beef
Fertile Creek bottom soil

Friday - December 19, 1980 - 1:30 pm
Sale to be on the premises

LOCATION: Approximately 5 miles north of Shippensburg, off Route #696, turn west on West Creek Road (first road on north side of Conodoguinet Creek), 1/4 mile to farm.

TRACT -1: 100 acres - complete set of buildings
TRACT -2: 59 acres - 37 tillable - secluded
TRACT -3: 41 acres - 32 tillable

Offered separately and as a whole.

INSPECTION: Saturday, November 22, 1 pm to 4 pm, other times by appointment.

BROKER COOPERATION INVITED.

FOR DETAILED BROCHURE—Call or Write,

JOHN B. NIESLEY REAL ESTATE
BROKER-AUCTIONEER
32 W. High St., Carlisle, PA 17013
(717) 249-8787

MAPLE LANE FARM HERD DISPERSAL



FRIDAY, DECEMBER 12

At The Green Dragon Livestock Sales

Herd consists of 50 head of Holsteins, Jersey, and Guernsey cows in all stages of lactation. Good producing herd. Pregnancy examined, 30 day test. Herd to be sold approximately 1:30.

WALTER RISSER
Proprietor

PUBLIC SALE

OF ROLLING HILLS FARMS
AND ADDITIONAL TRACTS OF REAL ESTATE
On the premises of Tract No. 1 located 5 miles southeast of Mt. Union, Huntingdon Co., 3 miles northeast of Shirleysburg and Rte. 522 along Germany Valley Rd., about 25 miles north of Penna. Turnpike, Ft. Littleton Exit, on

SATURDAY, DECEMBER 6
Sale at 12:30 P.M.

TRACT NO. 1 - Dairy Farm consisting of approximately 155 acres known as the Brant farm, about 75 acres tillable, bal. is pasture land with stream of water, several acres of woodland. Some of pasture land could be farmed. Buildings consist of large dairy barn with stanchions for 20 cows and 50 free stalls, plus cement holding area 50x90 ft., 12x45 tile silo, 10 room house with two fireplaces, Kalamazoo 27 in. furnace for coal or wood, forced air, full bath and half bath. Farm is well located along Germany Valley Road. School bus and mail stops at door, handy for milk pickup.

TRACT NO. 2 - Known as the Bard Farm adjacent to tract No. 1 and along Germany Valley Rd. consisting of approximately 155 acres, about 70 acres tillable, bal. pasture and woodland with stream thru pasture, good bank barn for heifers or beef cattle, water system in barn, nice barnyard and handy to road. Nice site to build house. Land on tract No. 1 and 2 consists of limestone and loam soil with creek bottom for pasture.

TRACT NO. 3 - Eleven acres of land with road and water, partly wooded, woodland has been partially closed and will make a beautiful homesite overlooking Germany Valley. Tract No. 3 is included in Tract No. 1 but will be offered separately and together.

TRACT NO. 4 - Approximately 11 acres of level farm and grassland, hard road on one side and creek on other side.

TRACT NO. 5 - All tillable land or about 60 acres of Bard farm lying north of Germany Valley Road. Tract No. 5 is included in Tract No. 2 and will be offered separately and together.

TRACT NO. 6 - 50 acres of woodland with right-of-way from hard road. Good location for hunting camp or summer home.

PLEASE NOTE - This is an economical dairy farm setup. Inspection Saturday, Nov. 29 or by appointment. Terms 10% down on possession which can be given by April 1, 1981, or sooner. Owners reserve right to accept or reject all bids.

Owners,

ROBERT M. & MINERVA ARMOUR

R.D.1, Mt. Union, Pa. 17066

Ralph W. Horst, Auctioneer, Marion, Pa. 17235
John Gates, Attorney, Huntingdon, Pa. 16652
Phone: 814-542-8913

PUBLIC AUCTION SALE

DUE TO PREVIOUS CHAPTER

11 PROCEEDINGS IN BANKRUPTCY

51 ACRE TRACT OF INDUSTRIAL LAND WITH TWO LARGE WAREHOUSING/PROCESSING BUILDINGS USED AS A COMMERCIAL EGG PRODUCING FARM. ALSO, ADDITIONAL NEWLY RENOVATED RESIDENCE OUTSTANDING EGG PRODUCING EQUIPMENT. ALSO, CONTINENTAL BOILERS, ALLIS CHALMERS GENERATORS, JOHN DEERE FRONT END LOADER AND BULLDOZER SPRINGVILLE POULTRY FARM

Sale on the Premises - RT. 29, DIMOCK, PENN-
SYLVANIA. (35 MILES NORTH OF SCRANTON)
TUESDAY, DECEMBER 9

AT 10 00 A.M.

Real Estate Parcel One is improved by a 51 Acre ± commercial egg producing poultry plant including modern concrete block processing building with five laying houses and modern pullet growing building with two pullet houses. Also two story four bedroom residence. Parcel Two is improved by a newly remodeled and insulated two story vinyl sided 4 bedroom residence with attached two car garage. Lot size 1.04 Acres ±.

Chattels 3-Allis Chalmers Model E 575 Brushless A/C, Type BGKB, 200KW, 250KVA, 6 Cylinder Diesel Generators, 2 Continental 100 HP 1970 Oil Boilers, John Deere 450B front end loader, John Deere 350 Bull Dozer, Clark 4000 lb propane forklift, 3.75 HP Freon refrigeration compressors, Ingersoll Rand type 30, Model 71T2E 10 HP air compressor, refrigeration blowers, hand tools, Graco pressure pump, pallet jack, 4000 asst steel milk cases, heavy duty chain, asst office equipment, Seymour 6 wide egg washer, Seymour Model SFM Flat Washer, Staalkat Egg candaling booth, Staalkat 35 case/hr egg grader with conveyors, 37 Kitson Endless Chain Poultry feeders, 20 Reliance variable speed drives for egg belts, 7-20 ton Butler feed hoppers, 7 10 Butler feed hoppers, 120 ft 12 inch rubber belt conveyor, Approx 200 plastic chicken crates, etc. And many, many more items too numerous to mention

NOTE This modern farm is ideal for any type of poultry production as well as any number of commercial/industrial warehousing and processing uses. Contact auctioneers for plats and/or additional information

Directions 181 to Exit 58W Clarks Summit (Rt 6) Rt 6 West to Rt 29 Turn right (North) on Rt 29 approx 17 miles to sale Enter Poultry Farm at Loudon Hill Dairy Farm

Terms of Sale. Real Estate - A deposit of 15% of the purchase price, in cash or certified check, at time and place of sale

Chattels Full payment in cash or certified check is required at time and place of sale. Write for sale catalogue complete terms of sale, etc

Inspection Monday, December 8 from 11 00 a m to 3 00 p m or by special appointment with the auctioneers

MICHAEL FOX ASSOCIATES, INC.

Executive Offices Suite 1915
Charles Center South, 36 South Charles Street
Baltimore, Maryland 21201 (301) 332 1333
Washington (301) 621 1776 Philadelphia (215) 564 1175

ROLLING HILLS FALL ROUNDUP SALE

OF AYRSHIRE & HOLSTEIN CATTLE

Sale will be held at former Shirley Ayr Farms located two miles south of Mount Union, Pa. at "Stockman's Restaurant" on

FRIDAY, DECEMBER 5, 1980

Sale at 12 Noon

60 REG. AYRSHIRE & HOLSTEIN CATTLE

Most are certified and accredited. Tested. More than half the offering is from Rolling Hills herd and consists of fresh and springing cows and first calf heifers, some bred and open heifers, calves. A choice offering from well known sires including Conabella, Ruth's Captain, Green Range Betty's Cadillac, Laneway Apple Jack, Selwood Betty's Commander, Oak Ridge Flashy Classic, Mar-Rol Bruis Commander, Commanders Pride, Millaway Albi, Oakridge Flashy Fortune, Elmknowl Swanson, Cove Creek Flashy Boy, Donholm Commander Jacks Choice, Anchor Mere Jumbo, Oak Ridge Commanders Star, many other sires rep. Some heifers from dams with good records. Some Holstein cows and heifers will be sold inc Reg. Arlinda Stream dtr, fresh with heifer calf. Some grade Holsteins

Write Sale Manager for folder

Terms Cash Sale in Tent Restaurant on grounds

Ralph W. Horst, Manager and Auctioneer

Marion, Pa. 17235

Fred M. Naugle, Pedigrees,

R. 7, Carlisle, Pa 17013

Phone 814-542-8913

ROBERT M. & MINERVA ARMOUR

R. 1, Mt. Union, Pa. 17066

Ag technology exchange trades farm information

WASHINGTON, D.C. — The U.S. Department of Agriculture and the National Association of State Universities and Land-Grant Colleges signed a new International Science and Education Council agreement, committing them to joint planning and implementation of agricultural science and technology activities in the international field.

According to Quentin M. West, director of USDA's Office of International Cooperation and Development, these activities include bilateral science and technology exchange programs with China, Mexico, Saudi Arabia, and several other countries.

The council's first annual report containing details of these program accomplishments has just been presented to Secretary of Agriculture Bob Bergland and Robert Clodius, president of the land-grant association.

The International Science and Education Council is a joint venture between USDA and the land-grant colleges, with USDA's Office of International Cooperation and Development acting as the coordinating agency and providing personnel for various exchange projects.

"The most ambitious program during this past year has been the exchange with China," said West. "Overall, 22 teams have been exchanged in areas such as animal science, forestry, biological pest control, land and water, economics and statistics, and germ plasm in crops and medicinal plants."

In Mexico, some 47

research projects are taking place, said West. These include selection of cattle for meat and milk in the tropics, gayule and jojoba research, and land forages, and use of goats for biological brush control.

"A main focus of the Saudi Arabian project is to set up a regional research center in Riyadh for agriculture and water," said West.

Sale Reports

A Public Sale of real estate and household goods was held November 22 by Loyd Brightbill at the east end in the village of Greble, Lebanon Co., Pa. A nice sized crowd attended the sale.

The 12 acres with a 2½ story brick house, 2 story brick summer house, wash house, bank barn, 2 car garage, and chicken house was sold for \$79,500.

Other items sold were: Oak Bedroom Suite \$220, Wood Chest \$140, Riding Lawn Mower \$140, Iron Kettle \$40, 6 Arrow-back Chairs \$36 each, Washer & Dryer \$150 and 1966 Chev. Belair \$1500.

John Breidgam & Joe Hoke were the auctioneers.

xxx

A Public Auction of

tractors, farm machinery and trucks was held November 21 by Ruth and William L. Dudley, Cordova, Maryland located on Route 309. It was a well attended sale.

Items sold included: J.D. D 8430 Tractor \$34,000, J.D. #7700 Combine \$48,000, J.D. #220 Big Disc \$7,000, J.D. 7-Bottom 18" Plow \$6500, Field Cultivator 6-row \$6000, J.D. 4010 D Tractor \$5100, J.D. D 4430 Tractor \$16,500, J.D. #7000 Corn Planter 6-row \$7200, J.D. Grain Drill \$600, Ontario Drill \$325, Large 4-row Bush Hog \$1300, 76 Int. 1700 Truck \$12,300, 70 Int. (15,000 mi) Dump Truck

\$7300, 66 GMC #7500 Truck \$2500, Sleigh \$225 and old factory made body of Weber Grain Wagon \$150.

Carrolls Sales Co., Inc. were the auctioneers.

xxx

A Public Auction of real estate and farm equipment was held November 22 by Arlene Schminky, Carol Klingler, John Schminky, Bonnie Wintersteen and Joy McCray in the borough of Gratz, Upper Dauphin Co., Pa.

The 103 acre Lykens Valley Farm was sold for \$165,000 and included a 7-room house, bank-type barn and pole implement shed.

Other prices received were: Int. 10 hp. Cub Cadet \$1200, Lawn Sweeper \$175, A.C. WD Tractor \$325 and A.C. WC Tractor w/loader \$490.

George & Mike Deibert were the auctioneers.

xxx

A Public Sale of real estate and household goods was held November 22 by J. Willis Graham in the village of Georgetown, Bart Twp., Lanc. Co., Pa.

The 2 story cement block house located on a scenic lot was sold for \$29,000. Other items sold were: Kitchen Cabinet \$325, 3 pc. Oak Bedroom Suite \$360, Wood Chunk Stove \$150 and Granny Rocker \$65.

Auctioneers were Steve Petersheim & Everett Kreider.

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, SHOP & HAND TOOLS, VERY NICE GUNS & TRAINS
SATURDAY, DECEMBER 6, 1980

At 10:00

Located at R.D. #2, Conestoga, Lancaster Co., Pa. (Road leading from Conestoga to Safe Harbor).

G E. refrig.; Kenmore auto. washer; Kenmore auto. dryer; Speed Queen wringer washer; Eureka cleaner; Shetland floor scrubber Furniture in Waterfall, maple, fine cherry rope bed w/acorn tops; pine grained blanket chest; plank, oak, wicker, metal. Walnut deep frame & reverse painting on glass Articles in crockery, iron, tin, wood, brass. Small German bisque doll. Glassware & china in pressed, Carnival, German, Noritake, grn. Dakota, mach. etched, milk glass etc. Wm. Rogers plated silverware; kitchen articles; linens; wooden picnic table w/benches; Remm. typewriter & stand; elec. Smith Corona adding machine; Argus 8MM slide projector & screen. Trains: American Flyer set #313, #999 set, train track, transformers, switches, platform, yard ornaments etc. Hubley & Tonka trucks; gun cabinet. Guns: Rem. 30x06 model 760 Gamemaster pump w/4 power Bushnell scope, Remm 20g model 870 Wingmaster pump, Remm 20g model 17 pump, Winchester 410 model 44 pump, Winchester 22 pump model 61 w/4 power scope & 12g side hammer shot gun. Hunting clothes & misc. Fishing fly & deep sea rods & reels, 320 Mitchell, Penn & casting reels etc. 16' alum. ext., 24' wooden ext. & step ladders 7 h p Husky riding mower; 14" Toro snow blower (gas); metal wheel barrow; dump utility cart; 2 wheel Cyclone seeder; deep well pump; work bench, wooden carpenter's tool boxes; machinist's tool & hand books & tool box. Machinist's tools; Black & Decker power tools & lots of hand & garden tools Misc hardware, 2x6x12 lumber & other misc articles not listed Food served NO OUT OF STATE CHECKS ACCEPTED.

Sale by

MR. & MRS. WARREN I. HESS

Howard Shaub Auctioneer 464-3541
and Roy C. Probst 464-3190

PUBLIC SALE

of Valuable Real Estate
Personal Property

Florence L. Gerlach Estate

SATURDAY, DECEMBER 6

Sale starts at 10.00 A.M. with Real Estate at 1.00 P.M. at 130 North Duke Street, Millerstown, Pa.

REAL ESTATE Ranch type house of Holland Stone and Brick Living Room with fireplace Dining Room Kitchen, 3 Bedrooms Laundry and 1½ baths Full attic and basement with cold cellar 2 Car Garage and aluminum storm windows throughout Boro water and sewer, and Burnham Oil Hot Water Heat Large Lot Real Estate to be offered at 1.00 P.M. Inspection of property on Friday December 5 from 8.00 A.M. to 9.00 P.M. or by appointment by phoning 717/291 3635

ANTIQUES AND COLLECTABLES 2 Plank end jelly cupboards 3 Blanket Chests all dove tailed original graining, 1 miniature, Dove tailed wood box Slant from Mahogany desk dove tailed top Plank seated Boston Rocker Small Pine wash stand with drawer set of 6 plank seated chairs, Pine night stand with drawer original paint Old Bench, Oak oval China Cabinet, Square Oak China Cabinet Northwood Cherry Pattern Pitcher and 6 Tumblers Carnival Glass including one large Peacock at the Fountain footed bowl, R S Germany, Hand painted German and Bavarian Bowls, Copper Lustre Pitcher large Ruby Glass, Hand Painted Nippon Roselane pattern set of Occupied Japan, Pressed and Pattern Glass Depression Glass Noritake Tea Set Collection of Creamers and Cups and Saucers old & new Baltimore Pear Butter Dish Glass Baskets Painted Ironstone, Butchering Ladels Buggy Robe Seth Thomas Clock 2 Oil Lamps, Linens Brass Kettle and Rag Carpets Signed HUBLEY CAT DOOR STOP Iron

APPLIANCES 2 upright Freezers Fridgair 2 door Refrigerator, White Electric Sewing Machine, Stereo

FURNITURE WINTER SPINETT PIANO like new with bench GRANDFATHER CHIME CLOCK with moon dial Mahogany DUNCAN PHYFE MAHOGANY DINING ROOM SUIT 9 pc., 4 new Plank seated chairs with stenciling and a matching rocker Maple drop leaf table Mahogany knee hole desk nice Oak Rocker Spindle back mahogany rocker cedar chest and cedar lined wardrobe Oak bedroom rocker, 4 pc. Honey Maple Bed Room Suit with bedding 3 pc. rock maple bedroom suit with bedding Bachelors Chest Living room suit Upholstered rockers and chairs Day Bed Fireplace screen and tools and 4 Oak 1 back Chairs

MISCELLANEOUS New Perfection Oil Heater Spartan Powered Tree Sprayer Porch Furniture Dishes and Pots and Pans and other things normally used when keeping hours

AUCTIONEER NOTE All items are clean and in perfect shape We do not over state the condition or quality of merchandise

HAMILTON BANK—Executor

ROY L. MARTIN - Auctioneer

T. Roberts Appel II Attorney

Food Available by Farm Women No. 23
NOT RESPONSIBLE FOR ACCIDENTS

MYR-E-LE FARM DISPERSAL

HERSHEY MYER COMPLETE HOLSTEIN DISPERSAL

Location: Womelsdorf RD 1. Along Route 419. 2 miles north of Route 422. 3 miles north of Womelsdorf, 20 miles west of Reading, 6 miles south of Route 78 Interstate.

THURSDAY, JANUARY 8, 1981

11:00 A.M.

100 head of Registered & Grade Holsteins; 48 cows app. ½ herd reg; 52 heifers, 14 bred, 38 open heifers & calves; 46 head of cattle are reg remainder high grades, 99% home raised and Sire Power Sired; TB & Bangs cert, 30 day charts. Preg Checked

1980 rolling herd average 81,551M 3.9% 718F

#1 83GP Kingpin daughter with record of 5-2 362D 27,386M 3.6% 1006F sells, along with her 3 daughters, one being a Round Oak Rag Apple Elevation.

18 Reg. & some grades with Whirlhill Kingpin Bloodline sell 8 Round Oak Rag Apple Elevation daughters

82 G.P. Elevation dau with record 4-9 325 da 26,380M 3.7% 989 fat (uncomplete) Due before sale to Shardale Arlinda Chief Jemini 14 animals sell related to her dam who come from 2 generations of over 150,000 lb of milk lifetime #26 V G Lucky with record of 5-1 305 21,097 3.6 758F

#48 Grade Charmcross dau with 3 continuous records of over 700 lb fat with 4.3% average Her Elevation daughter sells

#84 Grade Jet Stream daughter fresh at 1-10 and made 17,542 3.9% 693 fat Fresh again at 2-11 and made 18,717 4.0% 755 fat Fresh again at 3-10 and milked 80 lb milk with 4.9% first test

Grade Elevation daughter with record of 3-9 351 22,190 3.5% 792 fat Sells along with her Jet Stream daughter

All records have been kept on cattle including grade production and breeding records

20 years of NEPA breeding Sample of sires represented 8 Elevation, 7 Jemini, 7 Job, 6 Jet Stream, 4 Evans, 2 Creek, 2 Jerry and others

300 gallon Mueller Hi Performance Milk Tank with double compressors (3 hp) Surge 1½ in pipeline (glass) for 46 cows complete with washer, water tank & 3 mini-cup units

Owner

J. HERSHEY & ANNA MARY MYER

215-589-2408

Auctioneers —

J. Everett Kreider

Steve Petersheim

Doty Remsburg, Pedigree

For Catalogs send \$1.00 to J. Everett Kreider
Box 87, RD 2, Quarryville, Pa 17566

PUBLIC AUCTION

OF 9 TRACTORS, FARM MACHINERY, TRUCKS,
HAMMERMILL AND MIXERS
SATURDAY, DECEMBER 6, 1980

10:00 A.M.

LOCATION: going east of Route 113 on Route 207 Lincoln, Delaware, go to railroad, turn right, go two blocks, turn right (Greely Avenue), Clifford J. Donovan Fuel Company. (Signs posted).

Case 930 tractor, two Case 900 tractors, Case 600 tractor with pulley, four IH — M tractors, IH F14 tractor, JD 105 combine with cab (13' grain head and 4-row corn head, three Case 5-16" plows, 5-16" plows (parts), two Case 16" disc harrow, Case 13" disc harrow, two IH 5-bottom crow foot plow packers, Case 3-section roto harrow, 2 JD 4-section drag harrow, JD 2-section drag harrow, 3-section drag harrow, Clark Harvator, Case side-delivery rake, Case cultipacker, Case 5-bottom cultipacker, two JD 494 corn planter, 4-row corn planter (parts), 2-belt elevators (manure), three JD elevators, two 18' belt Harvester model C elevator with electric motor, grain elevators (parts), three IH 4-row cultivators, 4-row cultipacker (parts), three IH 2-row cultivators, ILHL 2-row bean puller, grain wagon, riding harrow, A.C. No 60 pull-type combine, Case lime drill, New Holland manure spreader (PTO), viner axle and running gear, Brillion 12' rotary mower, Brillion spreader (lawn and small seed), fluke harrow, seed cleaner, dump body, S.S. water wagon (auto waters), truck body, hydraulic lift gate, new plow shares, 6" and 8" flat belts, fence posts, assorted barb wire, 2-pieces channel iron 12"x10", old fuel tanks (275-300-500-gallon), four Case hydraulic cylinders, three IH hydraulic cylinders, two hydraulic cylinders, 1962 Chevrolet 2-ton truck cab over with grain and dump body, 1953 Dodge truck with grain and dump body, 1953 Dodge truck with grain body, 1950 L160 IH truck with spreader body (spinner), 1949 Dodge truck with Baughman spreader body (spinner), Ford spreader body truck, Ford truck (parts), Dodge spreader truck (parts), Dodge truck (parts), Hammerrmill with G E 50 h p electric motor (3 p h), two Duplex mixers and many other items too numerous to mention

TERMS Cash, travelers check or personal check with current letter of credit from your bank.

CLIFFORD J. DONOVAN

Owner

Wilson's Auction Sales, Inc.

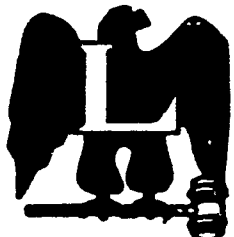
Dave Wilson

Auctioneer and Sales Manager

Glenn M. Watson, Jr.,

Auctioneer

422-3454 or 856-2110



Ira. B & Ruth M. Landis
PUBLIC AUCTION
Outstanding 110 Acre
Lanc. County Farm

Mt. Joy Twp.
Absolute Auction to be
Sold to the Highest Bidder
No Reserves, No Minimums
FRIDAY, DECEMBER 19
2 P.M.

Located along Sunny-Burn Road, Manheim, Pa., 7 miles Northwest of Manheim. Take Colebrook Road through Mastersonville. Continue North to Sunny-Burn Road. Watch for sale arrows.

110 Acre Farm - All Tillable

In high state of cultivation. Thousands of feet of road frontage along 3 roads Two 2½ Story Dwellings, Large Frame Bank Barn.

2½ story brick frame dwelling with large modern kitchen, formal dining room, large panelled den, large laundry, pantry or summer kitchen, 4 very large bedrooms & master bedroom, hardwood floors, closets, outside balcony, full bath, panelled basement, 2-car garage attached to house, oil hot water heat.

50'x85' frame bank barn with 2 barn floors & tobacco scaffolding Situated to feed 85 + steers. 16'x52' Star silo with large stone wall barnyard. Other buildings include 30'x66' concrete block 4000 cage bird house with cooling & office room & outside feed bin Frame tobacco stripping building.

2½ story frame asbestos sided dwelling with 3 bedrooms, full bath, modern kitchen, living room & dining room, 1-car garage & storage area. Ideal for tenant house Also, brick school house used for storage.

To inspect Farm: call 717-665-3248 or auction firm

Sale by,

IRA B. & RUTH M. LANDIS
717-665-3248

J. David Young, Manheim, Attorney

Special Note: Terms 10% Down, balance by April 1, 1981.

70% Financing Available to Qualified Buyers. Speculator Buyers must arrange financing through auction form 7 days prior to auction.

Sale Conducted by,

The J. Omar Landis Auction Service

J. Omar Landis & Jay M. Witman

Box 501, Apple & Roberts Sts.

Ephrata, Pa. 17522

717-733-7917 717-665-5735

Sale Reports

A Public Sale of household goods and antiques was held November 22 by Warren W. Hershey, three miles east of Intercourse, Pa. on Red Well Drive. There was a good attendance at the sale.

One outstanding item sold was a large dinner bell with brackets dated 1886 for \$500.

Other items sold were: Baltimore Piano \$400, Jelly Cupboard \$200, Dough Tray \$70, Clothes Tree \$17, Remington 22 Rifle \$80, Winchester 16 ga Pump Gun \$180 and Hand Garden Worker \$25.

Auctioneer was Leon Kurtz & J. Omar Stoltzfus, App. Auct.

A Public Auction of a property on Mt. Vernon Rd., Salisbury Twp., Lanc. Co., owned by Levi M. Stoltzfus, was sold on November 22nd.

The real estate consisted of a little less than ½ acre and was sold for \$38,000. Auctioneer was Steve Petersheim.

xxx

An Auction of 71 cows and 1 yearling bull was held November 22 by G. Lester Cleaver, Maple Grove Farm of Middletown, De. The registered and grade Holsteins were sold at the Rudnick Dairy Sales Barn in Galena, Md.

The top animal was a 7

Lancaster Farming, Saturday, November 29, 1980—C41

year old Tidy Burke Transmitter daughter sold for \$2080, 2nd high was a 6 year old Tidy Burke Transmitter daughter sold for \$2075, and 3rd high was a 2½ year old cow sired by Cleaver Elevation Star for \$1890. A 2½ year old daughter of Huhaven Standout Job sold for \$1700 and a 3 year old daughter of Pennstate Ivanhoe Star also sold for \$1700. The average was over \$1000.

H. Rudnick & Sons, Inc. were Sales Managers & Auctioneers.

xxx

A Complete Herd Dispersal was held November 22 by Sandra Bennett, located off Rt. 154, one mile from Estella, Pa.

The top cow sold for \$1650, 2nd for \$1625 and 3rd high for \$1575. The average for the 60 head of registered

and grade Holsteins heifers and cows was \$1032.

Auct. Arlow Kiehl & Gordon Wood, Sales Mgr. xxx

A sale average of \$1,644 was recorded for the 142 head sold at the Harold Heck dairy herd dispersal at Robesonia.

Thirty-five cows sold for \$2,000 or more. Included in the herd were six two-month-old calves.

Top of the sales was a Petti cow, a Rock daughter. She brought \$12,000 and was purchased by Amelia Curti, of Waukena, Calif. She has a milking index of +1628 and 41 fat with 42 percent repeatability. One of her daughters brought \$4,500.

Buyers attended the sale from California, Michigan, Wisconsin, Maryland, West Virginia and New Jersey.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

NOVEMBER

SAT NOV 29 11 AM Con signment Horse Sale at the Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers

SAT NOV 29 NY Hereford Assoc. 15th Annual Reg Heifer and Club Steer Sale Held at the Livestock Pavilion, Cornell Univ., Ithaca NY Auctioneer Jack Lowderman

SAT NOV 29 Public Sale of Farm Equipment, Etc. Located along the road leading from Millbach to Richland, Lebanon Co. Sale for Irvin Horst G Harvey Weik Auctioneer

SAT NOV 29 12 30 P.M. Public Sale of Valuable Real Estate and Household Goods and Quilts Located in Blue Ball along Rt. 322 fourth house west of Blue Ball Fire Hall Fourth house East of Blue Ball Machine Co. Katie F. Stoltzfus Owner Robert E. Martin and Son and Frank L. Steller Auctioneers

SAT NOV 29 12 30 P.M. Public Sale of Valuable Dairy Farm located along New Danville Pike, 2 miles south of New Danville, 1 mile north of Con estoga Center 5 miles southwest of Lancaster, 3 miles west of Willow Street. Terms by Jacob S. Glick, J. Everett Kreider and Steve Petersheim Auctioneers

SAT NOV 29 12 00 P.M. Public Sale of Real Estate, Household Goods Tractor, Buicks Farm Machinery and Coins Located along Osceola Dr., Rd 1 Drumore Lancaster

Co., PA (Taker 272 about 2 miles south of the Buck, turn right on to Osceola Dr., go about 1 mile to sale Sale by Elmer E. Probst Estate Howard Shaub, Roy Probst Auctioneers and Eric Probst App Auctioneer

SAT NOV 29 - 2 00 P.M. Absolute Public Sale of 95 2 acre farm with all improvements Located in W. Hamp Twp., Lancaster Co. PA Sale for John Ebersole, J.H. Davis Auctioneer

SAT NOV 29 10 00 A.M. Selling IH Farm Equipment Business Parkers Auction Held on Rt. 307 East of Hurlock, MD. Walton P. Taylor Auctioneer

SAT NOV 29 9 30 A.M. Public Sale of Farm Real Estate and Personal Property Located in Perry Co. 6 miles north of Loysville, follow Rt. 74 north from Kennedys corner to Earley, at Earley turn east and go 1¼ mile to farm Stanley G. Weaver Owner Dean Shull Auctioneer

SAT NOV 29 11 30 A.M. Public Sale of Farm Equip ment Located along the road leading from Millbach to Richland, Lebanon Co., PA Ir von Horst Owner G. Harvey Weik Auctioneer

SAT NOV 29 9 00 A.M. Public Sale of Sawmill, Truck, Farm Equipment etc. of the Late Paul Chermock Located Felton Rd 3, PA, Red Lion, south on Rt. 24, first left turn south of Winterstown and proceed thru crossroads, 2½ miles to sale Philip L. Erb Auctioneer and W.L. Kehr Sr. Auctioneer

MUSEUM DISPERSAL SALE

FRIDAY, DECEMBER 5th through SATURDAY, DECEMBER 13th

Smokey Glen Farm, Gaithersburg, Maryland

Free Admission Acres of free parking

It is with regret that we announce the closing of the Smokey Glen Farm Museum. Collegiate Barbequers, Mrs. Betty Sweet, and Farm & Home Antiques jointly announce that items from the Museum will be sold at Smokey Glen Farm (in the Pavilion Area) starting on Friday, the 5th of December 1980 and continuing through Saturday, the 13th of December. This showing and sale will be held in a heating building and will be opened from 10:00 am until 4:00 pm. All items will be reasonably priced and will be sold on a first come, first served basis. Sorry, no sales prior to December 5th and no telephone sales until after 13 December (There are approximately 2000 items that must be sold)

Items fall into the general categories below, but bear in mind, it is impossible to list all items to be sold. For further information or a more descriptive brochure call 301 - 933-0250 or 301 - 948-9170; or write Farm & Home Antiques, P.O. Box 42, Courthouse Station, Rockville, Maryland 20850

COUNTRY STORE ITEMS... 7 Enterprise Coffee Grinders (3 floor models) - lots of County Store Tins - Show cases - wooden boxes - cash drawers - 8 ft. long, 12 drawer spice cabinet - mannequins - 2 blade ceiling fan - plus much more

COMPLETE BLACKSMITH SHOP... lots of tools - several large bellows - handcranked forge - 2 anvils - whetstone - post drill - plus more

HOUSEHOLD ITEMS... Butterchurns - Singer treadle sewing mach - pot bellied stoves - cook stove - copper kettle - c 1 caldrons - 2 cider presses - PLUS: a collection of 10 wooden tub washing machines - 3 copper tubs (one an Easy Spindry) and other washing items - plus many more items

SPINNING, WEAVING, & QUILTING... 150 year old 4-harness barn beam loom (has been in use in the Museum for 6 yrs by our master weaver) - flex break - yarn winder - large walking spinning wheel - quilting frame - plus many more accessories

TELEPHONE ITEMS... Oak wall telephone - Beautiful oak telephone exchange - candlestick phones - ringer boxes

CLASSIC CARS... 1955 Chev Station Wagon - 1964 Ford Galaxie CONVERTIBLE - 59 Corvette (broken frame)

LOTS OF OLD bottles - phono records - books - bric-a-brac

THIS COLLECTION IS REALLY WORTH SEEING AND WE BELIEVE YOU WILL FIND THE ITEMS PRICED WITHIN REASON

DIRECTIONS From Washington D.C. take 270 north toward Frederick exit Route 28 proceed 6 miles west and turn right onto Riffleford Rd. travel ½ mile to Smokey Glen Farm on the right. From Frederick take 270 south toward Washington and exit onto route 118 travel west 3 miles and turn left on Riffleford Road travel 3 miles to Smokey Glen Farm on left

HORSEDRAWN VEHICLES... 7 sleighs - Glen Falls surrey - runabout - jumpseat buggy - spring wagon - mail wagon from Abbotstown, Pa - bread wagon - wooden wheel dump rack - 6 farm wagons - other related items

A LARGE HORSE TREAD MILL in beautiful shape with fine lettering - A small dog tread mill (just refinished - in perfect condition) - lots of plows, etc

WOODWORKING EQUIPMENT... Beautiful Barnes mortice & tenon outfit - wood planes - lots of old tools - a beautiful old SCHNITZELBUNK - plus more

TOYS... Sewing mach - windup Santa - windup bear drinking milk - toy typewriter - figural glass banks - Barbie doll clothes - plus a few other toys

POST OFFICE ITEMS... Cancelling machine - brass post office boxes - scales - plus more

PAPER & ADVERTISING... Lots of old magazines - magazine adv (almost every subject) - early lithographs - Sat Eve Posts (some Rockwells, 1 Leyendecker) - adv cards - a set of 'Little Fairy' pictures - lots of old sheet music - plus much more

SEVERAL HUMMEL FIGURES... some fine bisque figures - a few other collectibles in this line

TWO MECHANICAL SANTA CLAUSES... One standing (6 ft tall) - one sitting (5 ft tall) both in working condition

PUBLIC SALE

OF REAL ESTATE
(8.5 Acre Farm)

TUES., DEC. 16

At 1:00 P.M.

Located along Spring Hill Road, R.D. #1, Kirkwood, Little Britain Twp., Lanc. Co., Pa. (From Fairmont go south to Ashville Rd., turn left, go to Springhill Road & turn left.)

2½ story frame 8 room house, House contains lg. kitchen, dining, living & laundry rooms on first floor 4 bedrooms on sec floor. Oil space heater, full basement, well water Stoned driveway Very good land totalling 8 5 acres. 5 acres of good farm ground, 2 acres of meadow & 1 5 acres for house Property open for inspection Sat's., Dec. 6 & 13 from 1 until 2 Real Estate to be sold at 1 00 P.M.

Sale by

Paul L. Howard and

Earline M. Work Administrators

For Estate of

CLARENCE HOWARD

M. Elvin Byler Atty

Howard Shaub Auctioneer 464-3541

and Roy C. Probst 464-3190

SALES BLITZ

SATURDAY, DECEMBER 6, 1980

ONE DAY ONLY!

IN CONJUNCTION WITH OUR THIRD
ANNUAL PUBLIC AUCTION, WE ARE
OFFERING THE FOLLOWING SPECIALS:



CHAIN SAW SPECIALS

602VL

59.8 cc Engine with Vibe-Less
System, 20" Bar & Chain
Reg. \$364.95

SPECIAL **\$299** w/FREE Extra Chain

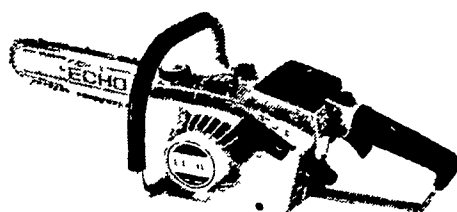


302

Versatile, performance
proven lightweight
Echo's most durable 30 cc light-
weight. Ruggedly constructed and
perfectly balanced for home wood
cutting and trimming. 14" Bar
& Chain

Reg. \$199.95

SPECIAL **\$159** w/FREE Extra Chain

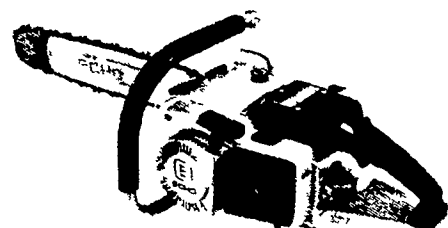


702EVL

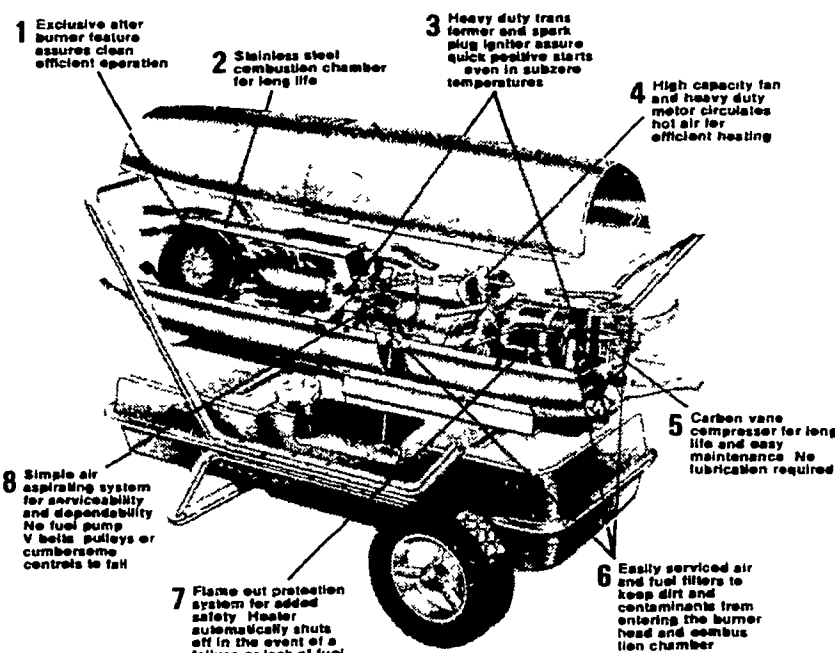
Big saw performance, plus
Vibe-less comfort
Echo's 70cc professional power-
house with advanced Vibe-less
system calms the big saw jitters. 20"
Bar & Chain

Reg. \$384.95

SPECIAL **\$309** w/FREE Extra Chain



8 Reasons Why A REDDY HEATER® Outperforms All Others



REDDY HEATER®

- 150,000 BTU/hr.
- 13.5 gal. Fuel Tank
- 12 hours continuous operation
- List Price \$435.00

Model M150S
Our Reg. Price \$389.95

ONE
DAY
SPECIAL

\$369⁹⁵

PLUS FREE HA1200 THERMOSTAT - \$32.65 Value
★ We Now Stock A Full Line of Replacement Parts
For • REDDY • KNIPCO • CENTURY • GUARDIAN
Portable Oil-Fired Heaters, We Will Ship
Heater Parts UPS

Polaris Snowmobile Clothing Sale



If you need new snow-
mobile clothing, now's
the time to buy. Look at
these special prices

ONE DAY ONLY!
20% OFF
ALL CLOTHING
IN STOCK



Reg. 37.45
ONE DAY ONLY **\$28.95**

20% CASH DISCOUNT
ON ALL
S-K TOOLS

**FREE COFFEE &
DONUTS**
ALL DAY

HOMELITE®



Model 360
Chain Saw w/20"
Bar & Chain
Reg. \$389.95

ONE
DAY
ONLY

\$299

WITH FREE EXTRA CHAIN



OREGON SAW CHAIN SALE

One Day Only - Saturday, Dec. 6
Buy 1 Replacement Chain For
Your Chain Saw and Get
The Second Replacement Chain For

Only **\$1.00!** Be Sure To Bring Your Old Chain
Along For Correct Size Replacement

YEAR END CLEARANCE
On All FOX Harvester
Parts In Stock.

20% CASH DISCOUNT
(One Day Only)

15% CASH DISCOUNT

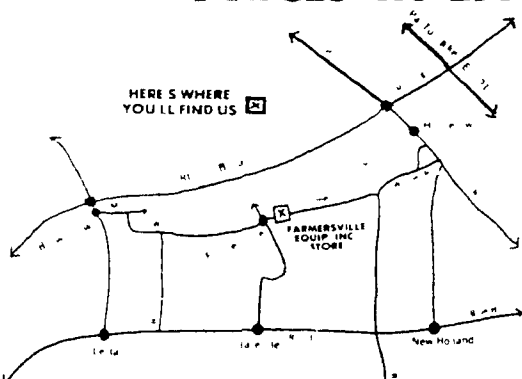
On All White - Oliver
Farm Equipment Parts
In Stock
(One Day Only)

PRICES IN EFFECT SATURDAY, DECEMBER 6 ONLY - LIMITED SUPPLY

FARMERSVILLE EQUIPMENT INC.

RD4, EPHRATA, PA.

717-354-4271



STORE HOURS SAT. DECEMBER 6 - 8 A.M. to 5 P.M.



THIRD ANNUAL YEAR-END PUBLIC AUCTION

**OF FARM EQUIPMENT, HARDWARE, TOOLS, LAWN & GARDEN
EQUIPMENT, CHAIN SAWS, AIR COMPRESSORS, SNOWMOBILES,
AND MANY MISCELLANEOUS ITEMS**

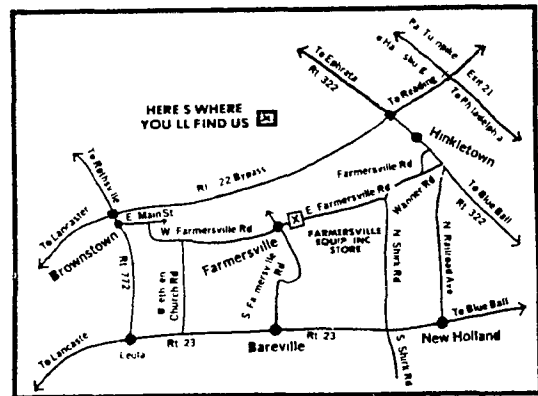
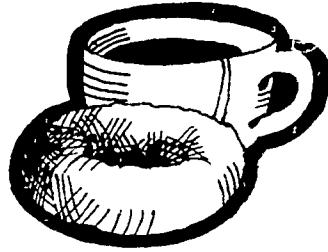
**SATURDAY, DECEMBER 6, 1980
9:00 A.M.**

- DOOR PRIZES -

- ★ Homelite 330 Chain Saw with 16" Bar & Chain
- ★ SK 4116 1/2" Socket Set
- ★ Rockwell 4710 Sander
- ★ Drydene case 15/40 Oil
- ★ Deka 12 Ft. Booster Cables
- ★ White Toy Tractors

All adults who register for an auction number by 9 A.M. are eligible to win these door prizes. Winners must be present to win. Drawing will be held at end of auction.

**FREE
COFFEE &
DONUTS
ALL
DAY!**



HARDWARE

Grain Shovels #14 Aluminum
4 & 5 Tine Manure Forks
Electric Power Tools
Hammers, Saws & Tapes
S-K Tools
Lawn Furniture
20 Gal. Garbage Cans
Battery Chargers
Rockwell 10" Radial Arm Saw w/ Stand
28 Ft. Wood Extension Ladder
40 Ft. Wood Extension Ladder
Barb Wire & T Posts 5 Ft. & 6 Ft.

USED PRESSURE WASHERS

White WM508 500 PSI
White WM518 500 PSI
White WM622 600 PSI

USED CHAIN SAWS

Homelite XL w/10" Bar
Homelite Super 2 w/14" Bar
Homelite Super 2 w/14" Bar
Homelite XL-102 w/16" Bar
Homelite XL-102 w/16" Bar
Homelite XL-12 w/16" Bar
Homelite XL-12 w/16" Bar
Homelite 360 w/20" Bar
Homelite C-5 w/17" Bar
Homelite C-17 w/20" Bar
Homelite XL-850 w/24" Bar
Echo CS 315 w/12" Bar
Echo CS 302 w/14" Bar
Echo CS 351 w/16" Bar
Echo CS 750 w/24" Bar
Husquarna 61 w/20" Bar
Remington 500 w/16" Bar
John Deere w/16" Bar
Poulan 3400 w/16" Bar
Online w/14" Bar
Tecumseh Powered w/20" Bar

USED LAWN & GARDEN EQUIPMENT

John Deere Tractor 312, 12 H.P. w/48" Mower, 49" Blower, 54" Blade, Cultivator
IH Cub Cadet Tractor 1450, 14 H.P. w/50" Mower, 42" Blower
IH Cub Cadet Tractor 1250, 12 H.P. w/44" Mower
IH Cub Cadet Tractor 105, 10 H.P. w/38" Mower, 36" Blower
IH Cub Boy Tractor 154 w/ Mower (Damaged - Parts Tractor)
Bolens Tractor QT-16, 16 H.P. w/48" Mower
Bolens Tractor QT-16, 16 H.P. w/48" Mower
Bolens Tractor QS-16, 16 H.P. w/54" Blade
Bolens Tractor H16XL, 16 H.P. w/42" Mower
Bolens Tractor 1455, 14 H.P. w/48" Mower
Bolens Tractor 1256, 12 H.P. w/42" Mower
Bolens Tractor G-8, 8 H.P. w/32" Mower
Bolens Tractor 770, 7 H.P. w/32" Mower, 32" Blower
Bolens Tractor 613, 6 H.P. w/32" Mower

White Tractor GT 1650, 16 H.P. w/42" Mower
White Tractor GT 1620, 16 H.P. w/50" Mower
White Tractor LGT 1610, 16 H.P. w/50" Mower
White Tractor LGT 1610, 16 H.P. w/44" Mower
Elec-Trak Tractor E12M, 12 H.P. w/42" Mower
Elec-Trak Tractor E20, 20 H.P. w/42" Mower
Simplicity Tractor 728, 7 H.P. w/42" Mower
Simplicity Tractor 101, 10 H.P. w/42" Mower
Snapper 5 H.P. 26" Riding Mower
Snapper 5 H.P. 26" Riding Mower
Snapper 11 H.P. 33" Riding Mower w/Bag-N-Wagon
Kubota Tractor L285, 30 H.P. w/FS 1270 50" 3 Pt. Tiller
Kubota Tractor B7100DT, 16 H.P. w/Loader & 48" Bucket
Kubota Tractor B6000DT, 12 H.P. w/48" Mott Mower, 48" Blade
Ford Tractor 8N, w/5ft Bush-Hog Rotary Cutter
Farmall A w/Cultivator & Plow
Mott 4 Ft. Flail Mower

USED PORTABLE HEATERS

Reddy 150,000 BTU
Guardian 150,000 BTU
Ace 60,000 BTU
Champion 70,000 BTU
Knipco 90,000 BTU

NEW CHAIN SAWS

Homelite VI Super 2 w/Bar
Homelite 150 Auto w/16" Bar
Homelite Super EZ w/16" Bar
Homelite XL-12 w/16" Bar
Homelite 1050 w/Bar
Echo 315 w/Bar
Echo 452 w/Bar
Echo 605 w/Bar
Echo 750 EVL w/Bar

NEW LAWN & GARDEN EQUIPMENT

White GT-1622 16 HP w/50" Mower
White LGT-1610 16 HP w/44" Mower
White LGT-1100 11 HP w/38" Mower
White T-100 10 HP w/38" Mower & Snow Blade
Snapper Rider 26063 6 HP, 26" Mower
Snapper Rider 30083 8 HP, 30" Mower
Snapper Rider 28113S 11 HP, 28" Mower
Snapper Rider 4210S 11 HP, 42" Mower
Brinly 3 pt. Disc Harrow
Brinly 3 pt. 1-Row Cultivator
Packer 36" Trail Sweeper
Lambert 31" Trail Sweeper
Lambert Garden Planter
Brinly Garden Planter
White Roto-Tillers
Bolens 18" & 22" Mulching Mowers
Bolens 21" Rear Bagger Mowers
Lawn Boy 4501 20" Mower
Lawn Boy 7268 21" w/Side Bag
Lawn Boy R7070 21" w/Rear Bag
Lawn Boy 8237 21" w/Side Bag
Lawn Boy 8238AE 21" elec start
Lawn Boy 8671 21" Mulching Mower

USED SNOWMOBILES

1973 Polaris TX440
1975 Polaris TX440
1978 Polaris TX440
1980 Polaris TXC340
1980 Polaris TXL340
1973 Artic Cat Cheetah 400

NEW FARM EQUIPMENT

White 255 - 11 1/2 Ft. Disc
White 256 - 21 Ft. Wing Disc
White 285 - 12 1/2 Ft. Field Cult w/Mid-west Harrow
White 348 - 3 Pt. 3B-18" SAR Plow
White 508 - Semi 4B-18" SAR Plow
White 466 - 8 Tooth Pull-Type Chisel Plow
Vicon H-820 - 3 Pt. 4 Wheel Hay Rake
Vicon HKX-620 3 Pt. 5 Wheel Hay Rake
Vicon PS-400 3 Pt. Fertilizer Spreader
Vicon PS-500 3Pt. Fertilizer Spreader
Vicon PS-600 3 Pt. Fertilizer Spreader
Bush-Hog Rebel 5 Ft. Rotary Cutters
Bush-Hog 8" x 48Ft. Transport Auger
Bush-Hog 8" x 53 Ft. Transport Auger
Brillion 5 Tooth 3 Pt. Chisel Plow
Brillion 7 Tooth 3 Pt. Chisel Plow
Brillion 11 Ft. Sprocket Packer
Brillion 12 Ft. Sprocket Packer
Brillion 11 Ft. Cultipacker
Brillion 12 Ft. Cultipacker
Brillion 10 Ft. Grass Seeder
Wetmore 11 Ton Tandem Wagon
Gear w/New Tires
Used Oliver 565 4B-16" Semi Mtd. Plow
Used Brillion 13 ft. Packer
Used Fox Blower

USED TRUCK EQUIPMENT

20 Ft. Parkhurst Grain Body w/40" Sides
18 Ft. Schein Grain Body w/52" Sides
18 Ft. Steel Platform w/58" Bulkhead
12 1/2 Ft. Knapheide Stake Body
8 Ft. Platform
10 Ton - 2 Cylinder Hoist Complete

6 New
**ALADDIN KEROSENE
SPACE HEATERS**

USED WEED TRIMMERS

Echo SRM 302 ADX
Echo RM 303E w/Blades
Green Machine 4000
Green Machine 1900
Disston Electric w/Wheel Kit

USED MISC. EQUIPMENT

Echo Power Blower PB400
Green Machine Blower 4600
Homelite DM-50 Cut Off Saw
Homelite Generator 4000 Watt
Kohler Generator 6500 Watt, 3 phase
C/H Sand Blast Unit
C/H Spray Gun DH-5030
Homelite Water Pump 150GPM

NEW CAMPBELL- HAUSFELD AIR COMPRESSORS

FL-1000 1/2 H.P., 3 Gal. Tank
VS-3300 1/2 H.P., 7 1/2 Gal. Tank
VT-3310 1 H.P., 12 Gal. Tank
FL-3309 3 H.P. Gas, 12 Gal. Tank
FL-3325 5 H.P. Gas, 20 Gal. Tank
VT-4300 3 H.P. 30 Gal. Tank
TF410821V 5 H.P. Single Phase, 80 Gal. Vertical Tank, Two Stage Pump
TF410821H 5 H.P. Single Phase, 80 Gal. Horizontal Tank, Two Stage Pump

6 Sets
**OWENS CLASSIC
PICKUP
RUNNING BOARDS**

**SPEEDY
CORN CRIBS**
2 - 1200 Bushel
2 - 1700 Bushel

**Used KWIK-STAK
ELECTRIC FORK LIFT**

50 New
**11Lx15 - 8 PLY
IMPLEMENT TIRES**

2 New
**ENERGY
PICKUP TRUCK
HOISTS
Complete**

2 New
**ENERGY
6 TON WAGON
HOISTS**

Auction By:
**FARMERSVILLE EQUIPMENT
INC.**

RD 4, EPHRATA, PA 17522
717-354-4271

Order Of Auction: 9:00 A.M. begins with Hardware, Small Items, and Lawn & Garden Equipment: 1:00 P.M. Farm and Truck Equipment

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305 Ephrata, Pa.

**- FOOD AT AUCTION - TERMS: CASH, VISA, MASTER CHARGE or GOOD CHECK
MANY MORE ITEMS FOR SALE NOT LISTED**

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

SAT NOV 29 - 10:00 A.M.
Public Sale of Construction
Equipment Located at the Of
fice of Salisbury Fill Dirt and
Top Soil, north Salisbury Blvd.,
Salisbury, MD (US 13 north of
Salisbury behind scale house)
Pete Richardson Auctioneer
and Sales Manager

SAT NOV 29 - Horse and Tack
Auction held at Thomasville
Livestock Market Along Rt 30
west of York, PA David Martin
Auctioneer

SAT NOV 29 Awful Augie's
Club Calf Sale Held at the
fairgrounds in Frederick, MD
Brice Ridgely Auctioneer

DECEMBER

MON DEC 1 2 P.M. Danville
Livestock Market, cattle and
hog auction Located Old
Route 11, Danville, PA Melvin
M. Lehman, owner

WED DEC 3-6:00 P.M. Public
Sale of Coins Located at the
Lykens Valley "Shop and Play"
Hall, Rt 209, Lykens, Pa John
Maurer Owner Dockey &
Dockey Auctioneers

FRI DEC 5 12:00 Noon
Monthly Cow Sale at Melvin
Kolb, Inc Lancaster Farm,
2220 Dairy Road, Lancaster,
Pa Dennis Kolb, Manager

FRI DEC 5 through Dec 13 -
Museum Dispersal Sale
Smokey Glen Farm,
Gaithersburg, MD
301 933-0250

FRI DEC 5 11 A.M. Special
Herd Dispersal at Shady Lane
Dairy Sales, Inc 1/4 mile West
of Quarryville, Pa off Rt 372
on Oak Bottom Rd Lancaster
Co., Pa 125 Head of
Registered & I.D. Grades
Owners Glenn D & David L
Fite

SAT DEC 6 10:30 A.M.

Located 3 miles south of
Parkesburg 3 miles southwest
of Coatesville Farm machinery
and horse tack Sale by Willard
and Toby Lenganberg Auc-
tioneers Steve Petersheim and
J Everett Kreider

SAT DEC 6 9:00 A.M. Third
Annual Year End Public
Auction of Farm, Lawn &
Garden Equipment Sale by
Farmersville Equipment, Inc.,
R D 4, Ephrata, Pa John E &
Paul E Martin Auctioneers

SAT DEC 6 - 12:30 P.M.
Public Sale of Rolling Hill
Farms Located 5 miles
southeast of Mt Union, Hun-
tingdon Co., PA 3 miles nor-
theast of Shirleysburg and Rt
522 along Germany Valley Rd
about 25 miles north of Penna
Turnpike, Ft Littleton Exit
Robert M and Minerva Armour
Owners Ralph W Horst Auc-
tioneer

SAT DEC 6 - 2 P.M. Elmwood
Products Absolute Public Auc-
tion of 13 acre Lancaster Co
Farmette and Woodworking &
Shop Equipment located along
Newport Road, between Elm
and Penryn, Pa Take Rt 501
North of Lititz, turn West on
Newport Road, continue to sale
location Sale by Elmwood Pro-
ducts, Abner D Riehl and Sally
A Riehl Sale conducted by
The J Omar Landis Auction
Service, J Omar Landis and
Jay M Witman, Auctioneers

SAT DEC 6 - 10:00 A.M.
Public Sale 3rd Eastern Shore
Equipment Dealers Assn Farm
Equipment, Auction, East
Coast's Largest Annual Sale
Held at the US 13 Dragway,
Delmar, DE Pete Richardson
Auctioneer and Sale Manager

SAT DEC 6 10:00 A.M.
Public Sale of Tools and Anti-
ques, Located in the New Fire
Hall in the village of
Rehnersburg, Berks Co PA

John H Breidegam Owner Joe
Hoke Auctioneer

SAT DEC 6 10:00 A.M.
Public Sale of Valuable Real
Estate and Personal Property
Located at 130 North Duke
Street, Millersville, Pa
Florence L Gerlach Estate
Roy L Martin, Auctioneer

SAT DEC 6 - 12:30 P.M. Auc-
tion Sale of Real Estate, 32
Acre Farm Located on Rt 273
between Fairhill & Blue Ball,
MD, 4th election district of
Cecil Co., signs posted Adver-
tised for sale by trustees
Albert Ewing & Allen B Yun-
inger guardians for Richard &
Anna Downey Auctioneers
Harold S Hill & Son

SAT DEC 6 - 10:00 A.M.
Public Sale of Antiques,
Household Goods, Shop and
Hand Tools, Very nice Guns
and Trains Located at RD 2,
Conestoga, Lancaster Co., PA
(Road Leading from Conestoga
to Safe Harbor) Sale by Mr &
Mrs Warren I Hess Howard
Shaub and Roy C Probst Auc-
tioneer

SAT DEC 6 10:00 A.M.
Public Sale of Tractors, Farm
Machinery, Trucks, Hammer-
mill and Mixers, Location go-
ing east of Rt 113 on Rt 207,
Lincoln, DE, go to railroad,
turn right, go 2 blocks, turn
right (Greely Ave) Clifford J

MON DEC 8-8:30 P.M. Public
Sale of Chiangus feeder steers
and heifers Sold at Sechrist
Sales Co Livestock Auction,
Stewartstown, PA

TUES DEC 9 6 P.M.
Farmersville Auction In
Farmersville, 3 mi East of
Brownstown, Lancaster Coun-
ty, PA John J Rutt, Auc-
tioneer

THURS DEC 11 Golden
Harvest Sale and the 316th
Garden Spot Sale Held at the
Guernsey Sale Pavilion,
located 6 miles east of Lan-
caster, PA on Rt 30 Sale
manager and Auctioneer R
Austin Backus, Inc

THURS DEC 11 10:00 A.M.
Public Sale of Equipment, Sale
by order of Horner Mfg 400
West Oak Ridge Rd,
Hagerstown, MD Stephen L
Winternitz, Inc Auctioneers

FRI DEC 12 5:30 P.M. Gap
Auction Antiques and
Household Goods sold at every
auction Located off Rt 41,
Lancaster Turkey Hill Minit
Market, cross RR bridge, Ira
Stoltzfus & Son, Auctioneers

SAT DEC 13 - 1:00 P.M.
Public Sale of Real Estate,
Located approx 12 miles
south of Harrisburg, PA Take
Exit 13 Off I 83, West on Rt
382, 2 miles to York Rd, turn
left and proceed 3/4 mile to
Donovan Fuel Co Owners
Wilson's Auction Sales, Inc,
Dave Wilson and Glenn M Wat-
son Jr Auctioneer

ATTENTION 4-H & FFA CLUB MEMBERS

North Harford
High School Farm of
Harford Co., Md.
proudly presents a
select consignment
of 14 head of
Chiangus feeder
steers & hfrs. to be
sold at Sechrist Sales
Co Livestock Auc-
tion, Stewartstown,
Pa or Monday Eve.,
Dec 8, 1980 at ap-
prox 8:30 P.M. Pro-
spective buyers may
contact the high
school at 301-
838-4266 if they
wish to see the
calves prior to sale
day These fine
calves will weigh ap-
prox 450-550 lbs
and are partly halter
broken

Sales Manager
**ROBERT L.
SECHRIST,**
Sales Manager

Miller Rd, turn left 1/4 mile to
Parcels of Land K D Williams
Owner Lee Dockey Auc-
tioneer

SAT DEC 13 2:00 P.M.
Public Sale of Real Estate
Located in Salisbury Twp, Lan-
caster Co., PA Samuel E and
Rachel L Stoltzfus Steve
Petersheim and Everett
Kreider Auctioneers

SAT DEC 13 1:00 P.M.

Public Sale of Valuable Real
Estate, Modern Home and
Buildings Located at 2600
Siegrist Rd, 6 miles east of
Lancaster off Rt 340 Owner
Florence Groff Ron Funk
Auctioneer

MON DEC 15-9:30 A.M. Con-
signment Sale Located at S
Race St Myerstown, Pa
17067 Sale held by Wengers
Farm Machinery, Inc

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment

12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

**DAVID H.
GOOD & SONS**

RD 1 Leola, PA 17540
717-656-9558



SPECIAL HERD DISPERSAL FRIDAY MORNING, DECEMBER 5

11:00 A.M. Sharp

At Shady Lane Dairy Sales, Inc. 1/4 mile West of Quarryville off Rt. 372 on Oak
Bottom Rd., Lancaster Co., Pa.

Sale Due Only To Owners Health

125 HEAD OF REGISTERED & I.D. GRADES

76 head of Registered and I.D. Grade Holsteins sell.
Sires represented: Rosemere Fury Ivan, Hillhaven
Standout Job, Arlinda Jetstream, Charmcross Tran-
smmitter, Merry King, Dina Charm, Typeblazer, Penndell
Gent Lary, Mose Lucky Star, President Vernon, Ivanhoe
Pabst, Lime Hollow Burkhov Superb, Shody Vale Aim
High, Astro Galaxy.

52 cows in lactation, 17 dry in spring, 7 first calf
heifers, all bred to Sire Power Bulls.

36 head of Registered & Registered pending Guern-
seys. Sires include: Yellow Creek Doromost, Wood Acres
Master Chief, Welcome Flash Hollirixi Starfire, Lyrene
Mayrose Prince, Yellow Creek Top Honor Ace. This is an
exceptionally good herd of cows, most recently fresh or
springing. Most are home raised An excellent group of
Guernseys with lots of size and style.

30 day TB & Blood test, pregnancy examined, health
charts sale day

For Transportation call by Thursday evening.

TERMS - Cash or good check, no credit.

**SPECIAL MENTION - One Registered Aposile
daughter, 3 yrs. old, just fresh, milking 70 lbs.
already, real fancy**

SHADY LANE DAIRY SALES

Owners
David L. Fite - 717-786-1725
Glen D. Fite - 717-786-2750



Arthur H. Moyer Estate ABSOLUTE PUBLIC AUCTION

VALUABLE 70 ACRE FARM
to be sold to the
HIGHEST BIDDER
NO RESERVES, NO MINIMUMS
THURSDAY, DECEMBER 18, 1980
2 P.M.

Located 2 miles North of Manheim, along Old Line Road.

Farm consists of hundreds of feet of road frontage along Old Line Road. Farm has 2½ story frame dwelling with aluminum siding, converted into two modern apartments that can easily be reconverted to one farmhouse. Large 5-bay frame bank barn with other buildings. Two 2-car garages.

Terms: 10% Down, balance by February 15

Sale for

ARTHUR H. MOYER ESTATE
Helen F. Moyer, Executrix

Inspection at property on Saturday, November 29 and December 6 from 12 to 4 or by appointment by calling 717-665-2773 or auction firm

Atty: Charles W. Sheidy
Sale Conducted By
J. Omar Landis Auc. Ser.
J.O. Landis & J.M. Witman
717-733-7917 665-5735

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

TUES DEC 16 100 P.M.
Public Sale of Real Estate
Located along Spring Hill Rd.,
Rd 1, Kirkwood, Little Britain
Lancaster Co., PA (From
Fairmont go south to Ashville
Rd., turn left, go to Springhill
Rd. and turn left. Clarence
Howard Estate. Howard Shaub
and Roy C. Probst Auctioneers

THURS DEC 18 - 12:00 Noon
Monthly Cow Sale at Melvin
Kolb Inc. Maryland Farm,
Woodsboro, Md. Tom Miller
Manager

THURS DEC 18 2 P.M. Ar-
thur H. Moyer Estate Absolute
Public Auction of Valuable 70
Acre Farm to be sold to the
highest bidder. Farm located 2
miles North of Manheim along
Old Line Road. Sale for Arthur
H. Moyer Estate, Helen F.
Moyer, Executrix. Sale con-
ducted by J. Omar Landis Auc-
tion Service, J.O. Landis and
J.M. Witman, Auctioneers

FRI DEC 19 2 P.M. Ira B. &
Ruth M. Landis Public Auction
of Outstanding 110 Acre Lanc-
Co. Farm, Mt. Joy Twp.
Located along Sunny Burn
Road, Manheim, Pa. 7 miles
Northwest of Manheim. Take
Colebrook Road through
Mastersonville. Contine North
to Sunny Burn Road. Watch for
sale arrows. Sale conducted by
The J. Omar Landis Auction
Service. J. Omar Landis and
Jay M. Witman, Auctioneers

FRI DEC 19 1:30 P.M. Real
Estate Auction, Rd 1, Ship-
penburg, Cumberland Co.,
PA. Mr. & Mrs. Paul L. Nuschke
Farm. John B. Niesley Real
Estate

SAT DEC 20 6:30 P.M. Dan-
ville Livestock Market horse
sale. Located Old Route 11,
Danville, PA. Melvin M.
Lehman, owner

SAT DEC 20 2 P.M. Public
Auction of Two Lancaster
County Farms (1) 78 Acres (2)
53 acres adjoining Location
West Cocalico Twp., Lancaster
County, Pa. Mahlon N. Zimmer-
man Owner. Sale by John E.
Martin and Paul E. Martin,
Auctioneers

SAT DEC 20 10:00 A.M.
Public Sale of Valuable Real
Estate, Household Goods and

Lancaster Farming, Saturday, November 29, 1980—C45

Antiques, Located ½ mile
south of Rt 23 and S Groff-
dale Rd., between New Holland
and Leola. Real Estate at 2
Terms by Elvin A. & Fannie F.
Stoltzfus. Auctioneer Robert E.
Martin 717 656-7770

JANUARY

THURS JAN 8 11:00 A.M.
Complete Hoistain Dispersal of
100 Registered and Grade Cat-
tle, Milk Tank and Pipeline
Location Womelsdorf Rte 1,
Berks Co., PA. Along Rt 419
Hershey Myer Owner Kreider
and Petersheim Auctioneers,
Doty Remsburg Pedigrees

THURS JAN 8 - 11:00 A.M.
Public Sale of Holstein and
Dairy Equipment, location,
Womelsdorf, Rd 1, along Rt
419, 2 miles north of Rt 422, 3
miles north of Womelsdorf, 20
miles west of Reading, 6 miles
south of Rt 78 Interstate J.
Hershey and Anna Mary Myer
Owners. Auctioneers J.
Everett Kreider and Steve
Petersheim

FRI JAN 9 - 10 A.M. Special
Draft Horses and Mules Sale at
New Holland Sales Stables

SAT JAN 17 - 10:00 A.M.
Public Sale of Valuable Anti-
ques, Held at the Guernsey
Sales Pavilion on Rt 30, 6
miles east of Lancaster, PA.
Sale by Elmer H. Buckwalter,
Ira Stoltzfus and Son and Jay
Leary Auctioneers

FRI JAN 30 10 A.M. Special
Draft Horses and Mules Sale at
New Holland Sales Stables

FEBRUARY

FRI FEB 13 10 A.M. Special
Draft Horses and Mules Sale at
New Holland Sales Stables

THURS FEB 19 - Public Auc-
tion of Farm Equipment
Located at 96 Zartman Mill
Road, Lititz, Pa. Henry Z. Horn-
ing, Owner. John E. and Paul
E. Martin, Auctioneers

FRI FEB 20 Public Sale of
Farm Machinery and What
nots. Located 2 miles south of
Rt 23, between New Holland
and Leola, turn off Rt 23 on S
Groffdale Rd., turn left on
Musser School Rd., terms by
Elias S. Beiler, Robert E. Mar-
tin & Son 656-7770 and Frank
L. Steller and Blaine Rentzel
Auctioneers

FRI FEB 27 - 10 A.M. Special
Draft Horses and Mules Sale at
New Holland Sales Stables

2-Day (Montour Co.) Sale FRI
FEB 27, 1981 Sale of Reg and
Gr. Holsteins, 100 Head. Most
ly Home Raised. SAT FEB 28,
1981 Full Line of Farm Equip-
ment. Located just off Rt 54
near Turbotville, Pa. Owners
Rudy Hostetler & Sons.
Auctioneers Carl and John
Diller and J. Everett Kreider

SAT FEB 28 Public Auction
of Farm Equipment &
Household Goods. Located
along Swamp Ridge Rd. just
North of Schoeneck at R.D. 1,
Stevens, Pa. Sale by Mary S.
Hoover, John E. & Paul E. Mar-
tin Auctioneers

MARCH

FRI MARCH 13 10 A.M.
Special Draft Horses and
Mules Sale at New Holland
Sales Stables

THE GOLDEN HARVEST SALE AND 316TH GARDEN SPOT SALE

THURSDAY, DECEMBER 11

11:00 A.M.

At the Guernsey Sale pavilion located 6 miles east of
Lancaster, Pa. on Rte. U.S. 30.

140 REGISTERED HOLSTEINS

(All Ages, Cows in milk, Bred Heifers,
Open Hfrs., 13 Bulls.)

All tested for immediate interstate shipment.
Exam for Preg.

24 DAUGHTERS AND 1 SON OF ELEVATION SELL!!!

Featuring the All-Ohio Produce of Dam in both 1979 and 1980.
Sarah is "EX-92" with 1000 fat at 4 yrs. and projected to 25,000 M.
this lact. Sunny is "EX-91" with 1122 fat at 4 yrs. and 28,694 M. Will
finish this lact. with over 1400 fat and 34 or 35,000 milk. Both cows
are excellent in udders. Many other young ELEVATION cows selling

23 TOPS SELL FROM FLOYD M. NOLT!!

Illness has forced the decision to sell. Twelve cows and 11 heifers
have been hand-picked by the sale management and Clarence
Stauffer from the top of the herd with no restrictions. Features in-
clude a 660f, 2yr. Elevation from a high record dam, two fancy GP-83,
2 yr. Astronaut dtrs., both bred to Valiant. A lovely VG-86 "Kit
Builder", 6 "Marvex" and 5 "Glen-Valley Star" younger heifers
selling. Make sure you see this group sell

13 GOOD SERVICE AGE BULLS SELL!!

Here are a few of them - A yrlg Pete from an "EX" Ivanhoe Star with
840 F.; A Conductor from an EX dam with 20,240 M. A Milestone
from a VG Bootmaker with 23,970 M. 792F, 2 yrs.; A Gemini from an
"EX" 20,000-lb. dam, An Astronaut from 3 generations of "EX" dams
and 3 gens. of 4.5% test or higher, An Elevation from the 19,120M
2yr. dtr. of twice All-Am "EX-96" Kandy cow

THERE WILL BE MANY MORE TO SELECT FROM --- SEE PENNA.
HOL. NEWS AND HOL. WORLD FOR MORE PICTURES AND
DETAILS!!!

SEMEN SELLING -- Glendell 18 - Elevation 10 - Bootmaker 7 -
Astronaut 3

All consigned by
MARVIN MAST,
Whitesell, Tenn. 38075.

MAKE SURE YOU ATTEND AND BUY FROM
THIS LONG ESTABLISHED ANNUAL SALE!!!

Sale Mgrs. & Auctioneers
R. AUSTIN BACKUS INC.
MEXICO, N.Y. 13114
315-963-7231

AUCTION SALE OF REAL ESTATE 32 ACRE FARM

Located on Rt. 273 between Fairhill & Blue
Ball, MD, 4th election district of Cecil Co. Signs
posted.

SATURDAY, DECEMBER 6

12:30 P.M.

Inspection Sat. Nov. 22 1 to 3 P.M.

Real Estate consists of 32 acres more or less of
rolling countryside with old colonial stone restorable
home, wagon house, frame barn & outbuildings.
Terms- 15% down when sold day of sale, to be paid by
certified check, bank draft or cash only. Not refun-
dable if not settled within 30 days.

Advertised For Sale By Trustees

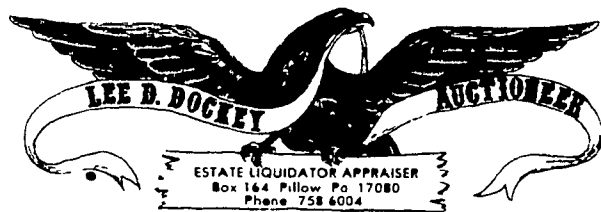
**ALBERT EWING &
ALLEN B. YUNINGER**

guardians for
RICHARD & ANNA DOWNEY

Auctioneers:

Harold S. Hill & Son
215-274-8525

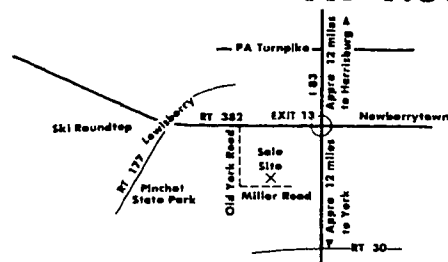
Not Responsible For Accidents



PUBLIC SALE

SATURDAY, DECEMBER 13, 1980

AT 1:00 P.M.

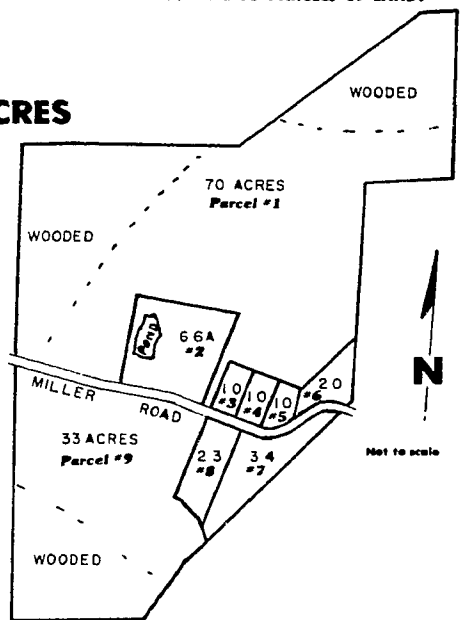


LOCATED APPROXIMATELY 12 MILES SOUTH
OF HARRISBURG, PENNSYLVANIA.
TAKE EXIT 13 OFF I-83, WEST ON RT. 382,
2 MILES TO YORK ROAD, TURN LEFT
AND PROCEED ¾ MILE TO MILLER ROAD,
TURN LEFT ¼ MILE TO PARCELS OF LAND.

9 PARCELS — 120 ACRES

- PARCEL #1: 70 ACRES partially wooded
- PARCEL #2: 6.6 ACRES with a 1 acre pond,
existing septic system and well
- PARCEL #3: 1 ACRE partially wooded with
approved perk test and probes
- PARCEL #4: 1 ACRE partially wooded with
approved perk test and probes
- PARCEL #5: 1 ACRE partially wooded with
approved perk test and probes
- PARCEL #6: 2 ACRES wooded with approved
perk test and probes
- PARCEL #7: 3.4 ACRES partially wooded
with approved perk test and probes
- PARCEL #8: 2.3 ACRES wooded with approv-
ed perk test and probes
- PARCEL #9: 33 ACRES partially wooded

NOTE: Parcels #1 and #9 have a combined ap-
proximate total of 257,000 bd. ft. of virgin
timber (White Oak 81,431 Red Oak
96,764 Hickory 24,611 Tulip Poplar
30,455 Chestnut 17,138 Black Walnut
1300 Misc 5717)



For additional information phone (717) 362-9596 or (717) 758-6004

TERMS: 10% Down. Cash or Certified Check. Further terms and conditions to be
given day of sale



ALLEN SHAFFER, ATTORNEY
DOCKEY & DOCKEY, AUCTIONEERS
DEPPEN, APPENTICE

K. D. WILLIAMS, OWNER

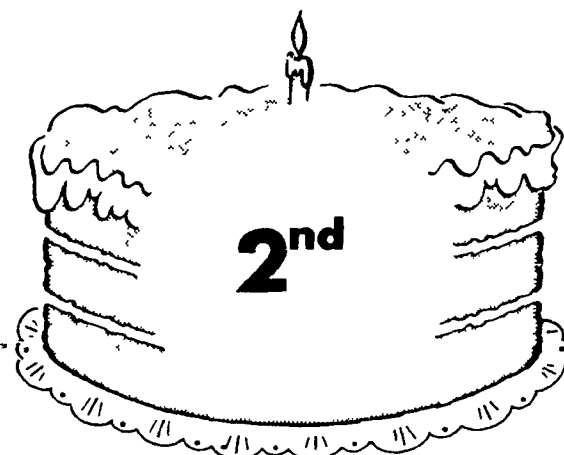


SECOND ANNIVERSARY

and

CHRISTMAS SALE

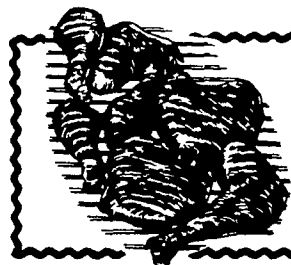
MEL K  LB, INC.



SPECIAL HOLSTEIN SALE

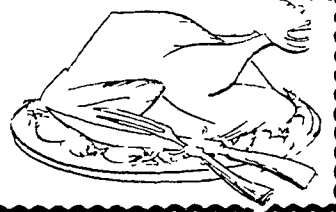
DAYTIME AUCTION AT 12:00 NOON

FRIDAY, DECEMBER 5, 1980



**BAR-B-Q CHICKEN
FOR ALL DAIRY FARMERS
AT 11:00 A.M.**

**FREE TURKEY
FOR EVERYONE THAT
BUYS A COW!!!**



LOCATION: At the former Black & White Farm west of Lancaster on Dairy Road. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory's Mill Road, turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Route 283.

175 Head of the finest Holsteins we could find for this special sale.

This is the best group of cattle we ever put together for one sale. We spent a lot of money and miles to put this group together.

2 Trailer loads from Wisconsin, 1 Trailer load from New York State,
1 Trailer load from New Hampshire, 1 Trailer load from Maine,
1 Trailer load from Western and upstate Pennsylvania.

There will be 75 Purebreds of the finest quality. Several are classified and with D.H.I.A. Records. They are the best picked out of the very best herds we could find. Some of these cows are milking up to 100 Lbs. per day.

25 Big Purebred first calf heifers, fresh, milking up to 75 Lbs. per day. Also-
50 Big fancy grade cows, just fresh or close to freshening.

25 Fancy grade first calf heifers just fresh, plus, 25 good grade springing
heifers. Several Purebred heifer calves will be sold also.

ATTENTION: Lancaster County Amish

If you need transportation to go to this sale, please call 569-2106 or 569-6800 no later than Thursday noon, Dec. 4th, to arrange for someone to pick you up.

Please, everyone set this date aside and come to see our great selection of fine cattle.

Come early - get all you can eat, buy a cow and receive a free turkey!

SPECIAL MENTION

A real fancy 3 yr. old WHIRLHILL KINGPIN dau., VG, 85 fresh 11-20-80 with heifer calf by her side from PLUSHANSKI PERSUADER + 1305 72% R PD + .06 PDF + 56, her record's as a 2 yr. old 355d 2x 17,976m 3.8% 681f, her dam EX 90 3E PACLAMAR ASTRONAUT dau., as 6-10 295d 2x 22878m 3.6% 821f, Lifetime 137,812m 5,080f, next dam VG,85 4 yr. old 3-0 2x 279d 12,660m 3.8% 482f, next dam- IVANHOE dau. VG,87 as 9-08 2x 365 28,006m 4.0% 1112f, Lifetime 258,968m 3.8% 9,846f. 1st four generations all VG & Ex in Pedigree. An outstanding young cow.

A five year old ARLINDA JET STREAM-TWIN dau., + 2200 VG,87 VVEV 1212222 Udder 1211VG Bred 3-13-80 to YULES PRIDE ELEVATION ACE + 1147 75% R PD% + .03 PDF + 47 as 4.0 331d 2x 21,929m 3.5% 777f, from a VG,85 TIDY BURKE TRANSMITTER dau., as 5-0 300d 2x 18,470m 4.0% 733f, next dam G,78 8-4 318d 2x 16,631m 4.1% 681f, a good big strong JET STREAM daughter.

A real fancy ROUND OAK RAG APPLE ELEVATION son, born 11-18-79, from VG,87 SIMPSON FARM TIDY GENT dau., as 9-4 352d 2x 24,732m 3.9% 973f, Lifetime 174,135m 6,681f, next dam GP,80 BIG ROCK BURKE TEDDY, dau., as 3-0 2x 305d 17,020m 3.8% 653f, a full sister Ex 90 as 3.8 2x 365d 31,172m 3.6% 1126f, He is a show Bull.

A 4 yr. old DUNCRAVIN BOEHMS COUNTDOWN dau., bred 2-23-80 to a son of ELEVATION, as 3-2 2x 365d 19,531m 635f from a TIDY BURKE TRANSMITTER dau., as 3-3 2x 17,397m 4.6% 803f. This cow was never scored - will go VG Ex Mammary, a top Individual

This is a special time of the year for the entire Kolb organization and we want to thank everyone for their friendship and patronage during this past year.

Thank You,
MEL KOLB

TERMS: Cash on day of sale. Not responsible for accidents.

R. Mullendore..... Auctioneer
H. Kettering..... Pedigrees
M Eshleman..... Clerk

Melvin Kolb Inc.
Dennis Kolb, Mgr.
2220 Dairy Road,
Lancaster, PA 17601
Ph: 717-569-2106 or 569-6800

No Sale Jan. 1st
Rescheduled
for Jan. 8th

**May everyone have a happy and
joyous Christmas Holiday!**

No Sale Jan. 1st
Rescheduled
for Jan. 8th



ATTENTION FARMERS & DAIRYMEN

4-D Cattle Service. We use down, disabled, crippled cows or cows with calving problems.
Slaughtered under federal inspection.
Prompt payment & prompt service
Call collect anytime
717-272-6848
ask for Barbara

DEALER IN ALL KINDS
OF LIVESTOCK
Also Crippled & Down Cattle
MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

3rd ANNUAL EASTERN SHORE EQUIPMENT DEALERS ASSN. FARM EQUIPMENT AUCTION SALE (THE EAST COAST'S LARGEST ANNUAL SALE) SATURDAY, DECEMBER 6, 1980

10:00 O'Clock A.M.
U.S. 13 DRAGWAY
Delmar, Delaware

TRACTORS:

900 Ford, 1466 Int. tractor w/cab, air, AC XT 190 tractor, Ford 4000 Tricycle, MF lawn tractor, 5000 Ford Diesel tractor w/duals and dual power 2100 hrs. 5 yrs. old, D17 AC; 4020 JD; 165 MF; 1135 MF; IH 1456 w/cab, Ford 3000, 4000 Ford gas, MF model 65 dsl, Farmall 3040 gas; IH 504 gas; Ferguson 30 w/loader; Ford 8N, 76 MF 1135 w/air, heat, duals, 74 MF 1135 w/duals; 78 MF 1805 w/cab, air, and 3 point hitch, IHC 230 tractor and cultivators; MF 8; Warner-Swassey Ford lift, 12' mast, A/C wide front; David Brown 885G, Ford 340 compact, Int Super M, MF 65 diesel, JD 4020 w/loader; Case 930 A/C Gravelly, Bolen 12 hp; 77 MF 20C tractor, loader, AC HD5 crawlerdozer; 4366 Int. 4 wheel drive, 1566 Int w/cab, air and duals, MF1135; Ford Diesel Major; New Idea Elec riding, 1566 Int w/factory cab and duals; Case 1070, Ford 971, MF 1150 w/cab and duals, 1256 Int w/cab and duals, 1466 Int w/cab and duals, and complete rebuilt engine, 4020 JD w/cab Q-T; 1256 Int. w/duals, Int 154 lowboy w/mower, MF 175 diesel, Case 1070 diesel, Case 12 hp; White 2-150 diesel w/cab, duals, air, Int 12 hp, Toro riding mower

COMBINES:

915 Combine, C-2 Gleaner gas combine w/cab & 4 row corn header, 750 MF s yer old, ex condition, mud hog, 6 row headers, IH 903, IH 810 headers, 410 MF gas w/cab, Ford 630 gas w/cab, corn and bean headers; Gleaner model C2 gas corn and bean header, MF model 35 gas w/grain table, 70 MF 410 w/cab and air, 15' table & Heineke floating cutter bar, 72 MF 410 w/cab, air 16' table, 66 MF 510 combine w/cab and 14' table, float cutter bar, C Combine, 5250 Oliver combine w/11 Grain head and 2 row corn head, 7700 JD cab diesel w/5 or 20 grain and straw chopper, 7700 JD diesel w/air w/15 Platform; 2 MF 300, 750 MF w/cab and 16' platform

PLANTERS:

Oliver 543 6 row no till planter, 8 row JD planter, IH 400 cyclo planter, IH 506-4 planter, AC 4 row no till planter w/fluted coulters, JD 694A, 3 JD 8 row; Int 6 row planter, JD 494 planter, JD 1250 6 row 30" planter, 1260 JD-6 36", 1250 JD-6-30, 1290 JD 8 row 36, 1240 JD 4 row, Int 400, 4 row air, JD 894A Planter

HEADERS:

Various 810 headers, Int 810 header, 3 MF 44 corn headers, 64 3 JD corn headers 6-30"

IMPLEMENTS:

JD 39-7' 3 pt hitch cycle mower, 1977 MF 20C tractor/loader backhoe, Rolling 8' cultivator, 4 town Wilmer spreader, 4-16 MF plow, 13' MF disc, 80" Woods rotary mower, JD 13' disc, JD 6 bottom plow, MF model 9 haybaler, Bushhog model 306RC, JD 220 disc 19' 48 blade hydrowing w/cyl, Oliver 44 blade disc w/dual wheels, MNH model 1 baler; MF 4 row tool bar cult, JD 4 row 2 tool bar cult; Ford 4 row tool bar, JD 4 row rotary hoe, AC 8 heavy duty 6 row FS cult; Brillion 15' pulvermucher w/dual wheels, JD 1630 disc; BearCat 17' packer & transport; JD 88 blade, Speedco 3 pt cultivator, Kwik-Take backhoe, Bushhog 1500, IHC 370-40 blade disc, MF 88 5x16 plow, MF 880 5x15 plow, 13' Brillion pulvimulcher, Ford 4 row cultivator; Lilliston 4 row cultivator, 6 row JD cultivator; IHC 2 15' spike drags; 14' JD pulverizer w/transport, 14' Case field cultivator w/transport; JD drill, 2 row Patec chopper, JD BW disc; Woods 306 mower, NH 280 baler, MF rake; Ford 901 5' rotary cutter, 6 row Lilliston rolling cultivator, 4 row Int cultivator, 6 row MF cultivator, MF 428 4 row cultivator, JD 393-7' cycle; Woods 5' offset rotary cutter; Lily Roter RH 400 w/spray boom, Chatanooga 12' packer and transport, 12' Int. disc, 12' JD rolling harrow, Int 4 bottom plow, Int 3 bottom plow, Ford loader fits 8 or 9N

All items listed are subject to prior sale.

Inspection on December 5, 1980. Loading available. New format this year, tractors and combines will be sold first.

Directions: U.S. 13 Dragway is located on U.S. Rt. 13, 1 mile North of Delmar, Delaware, and 8 miles North of Salisbury, Md.

Terms: Cash on day of sale. Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local Bank. All others must be accompanied by a current Letter of Credit from a Bank or Production Credit Association.

PETE RICHARDSON AUCTION SALES
Serving Md., Del., and Va.

Pete Richardson
Auctioneer & Sales Mgr.
Phones: (301) 546-2425 (Office)
(301) 742-6220 (Home)
(301) 742-0110 Ext. 813 (Mobile)

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

APRIL

FRI APRIL 10 - 10 A M Special
Draft Horses and Mules Sale at
New Holland Sales Stables

SAT APR 18 - Public Sale of
Lawn & Garden Equipment
Sale for Lawn Care of PA,
Daniel Z Martin, Martindale,
PA Kline & Kreider Auc-
tioneers

SAT APRIL 25 15th Colonial
Charolais Spring Sale Loca-
tion Winchester Auction
Market, Winchester, VA
Managed By Buzz Garey, 100
Walnut Lane, Morrisville, PA
19067

MAY

SAT MAY 2 - Hubert Charolais
Ranch Production Sale Loca-
tion at the ranch, Richards,
Missouri Managed By Buzz
Garey, Garey Cattle Sales, Inc
100 Walnut Lane, Morrisville,
PA 19067

FRI MAY 8 - 7 P M Driving
and Riding Horse Sale at New
Holland Sales Stables

SAT MAY 16 - Royal Charolais
Annual Bull Sale and Royal
Female Sale Location at the
farm, Greensburg, PA. Manag-
ed By Buzz Garey, Garey Cat-
tle Sales, Inc 100 Walnut
Lane, Morrisville, PA 19067

OCTOBER

SATURDAY, OCTOBER 3,
1981 Wesson Charolais Pro-
duction Sale at the ranch at
Koshkonong, Missouri Sale
managed by Buzz Garey, 100
Walnut Lane, Morrisville, PA
19067

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P M

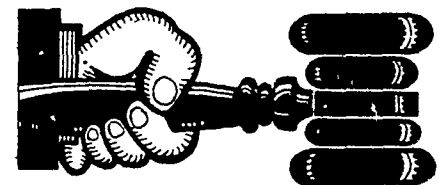
Horse Auction
2nd Saturday each month
1 P M



Marshall, Va
703-364-1566

NOTICE

To assure that your
Public Sale appears
in the Public Sale
Section we must
have your ad-
vertisement by 4
P.M. Tuesday of each
week's publication.



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or too large

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or Large

Tents Available



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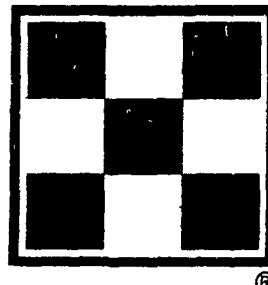
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Dairy & Farm Machinery Sales, Real Estate
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COMPARE PRICE AND VALUE OF YOUR PRESENT MILK REPLACER WITH



NEW PURINA NURSE CHOW® 200™

ALL MILK

NURSE CHOW 100

Protein	Not Less Than	22%
Fat	Not Less Than	12%
Fiber	Not More Than	0.5%

Ingredients
All Milk Products

Scour Protection
100 grams Oxytetracycline
300 grams Neomycin Sulfate

\$29⁶⁰ 50 lb. Bag

BEST VALUE

NURSE CHOW 200

Protein	Not Less Than	22%
Fat	Not Less Than	12%
Fiber	Not More Than	0.5%

Ingredients
Milk Products +
Soy Isolate +
Soy Concentrate

Scour Protection
100 grams Oxytetracycline
300 grams Neomycin Sulfate

\$23⁰⁰ 50-lb. Bag

?

BRAND X

Protein		21%
Fat		10%
Fiber		0.5%

Ingredients
Milk Products + Soy Flour

Scour Protection
50 grams Chlortetracycline

\$24⁰⁰ 50 lb. Bag

PURINA ADVANTAGES

- INSTANT FLASH MIXING
- HIGHEST QUALITY DIGESTIBLE PROTEIN
- TWO ANTIBIOTICS TO FIGHT BACTERIAL SCOURS
- OPTIMUM FAT LEVEL TO IMPROVE WEIGHT GAIN
- EACH 50 LB. BAG FEEDS 2 CALVES.

THE PURINA DIFFERENCE: CHECK YOUR INGREDIENT TAG!!

PURINA DOES NOT USE SOY FLOUR TO MAKE ITS MILK REPLACERS.

SOY FLOUR IS AN INEXPENSIVE PROTEIN SOURCE USED IN MANY MILK REPLACERS, HOWEVER IT IS NOT READILY DIGESTIBLE BY THE YOUNG CALF. USING INGREDIENTS NOT EASILY DIGESTIBLE OR THAT CONTAIN TOO MUCH FIBER CAN CAUSE DIGESTIVE UPSETS IN YOUNG CALVES WHICH CAN LEAD TO CALF SCOURS.

FREE

3-BLADE CHECKERBOARD POCKETKNIFE

Compliments of Your Purina Dealer

(This offer good Nov. 17th thru Dec. 19th)

EACH PURCHASE— 6 CALF PROGRAM

3 - 50 lb. Bags
Nurse Chow 200

17 - 50 lb. bags
Calf Startena



Contact Your Purina Dealer Listed Below!

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CITY _____
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PHONE _____

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717 768 3301
PARADISE PA 17562

**WEST WILLOW
FARMERS ASSN., INC.**
PHONE 717-464 3386
WEST WILLOW PA 17583

HIGH BROS.
PHONE 717 354 0301
GORDONVILLE PA 17529

**MCCRACKEN'S
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2 NEW CHARLOTTE ST MANHEIM PA 17545

KEYSTONE MILLS
John B. Kurtz
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RD3 EPHRATA PA 17522

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BERRYSBURG PA 17005

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STRAUSSTOWN PA 19559

UMBERGER'S MILL
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FONTANA PA 17042

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23 N PARK ST RICHLAND PA 17087